

Veggie Meter Article Index

[through July 2024]

Association of Candidate Single-Nucleotide Polymorphism Genotypes With Plasma and Skin Carotenoid Concentrations in Adults Provided a Lycopene-Rich Juice.

Norman AC, Palmer DG, Moran NE, Roemmich JN, Casperson SL. *J Nutr.* 2024 Jul;154(7):1985-1993. doi: 10.1016/j.tjnut.2024.05.022. Epub 2024 May 24. PMID: 38797482
Clinical Trial.

Association between Skin Carotenoid Levels and Cognitive Impairment Screened by Mini-Cog in Patients with Glaucoma.

Takayanagi Y, Kadoh Y, Sasaki J, Obana A, Tanito M. *Curr Issues Mol Biol.* 2024 Jul 3;46(7):6940-6950. doi: 10.3390/cimb46070413. PMID: 39057055 Free PMC article.

Association between atherosclerotic cardiovascular disease score and skin carotenoid levels estimated via refraction spectroscopy in the Japanese population: a cross-sectional study.

Obana A, Nakamura M, Miura A, Nozue M, Muto S, Asaoka R. *Sci Rep.* 2024 May 28;14(1):12173. doi: 10.1038/s41598-024-62772-y. PMID: 38806551 Free PMC article.

Differences of skin carotenoids and adherence to the Mediterranean Diet pattern in adults from Southern Italy and Dominican Republic.

Augimeri G, Soto M, Ceraudo F, Caparello G, Villegas Figueroa M, Cesario M, Caputi LS, Calderón B, Bonofiglio D. *J Transl Med.* 2024 May 4;22(1):424. doi: 10.1186/s12967-024-05224-5. PMID: 38704581 Free PMC article

Evidence for Criterion-Related Validity of Pressure-Mediated Reflection Spectroscopy for Approximating Fruit and Vegetable Consumption among Preschool Children.

Hasnin S, Dev DA, Pitts SJ. *J Nutr.* 2024 Jan;154(1):261-270. doi: 10.1016/j.tjnut.2023.11.022. Epub 2023 Nov 25. PMID: 38008362

[2023]

Assessment of Skin Carotenoid Measurement as a Means to Detect Vitamin A Deficiency in Children and Pregnant Women of Nepal.

Thapa R, Addo EK, Ruit S, Bernstein PS. J Nutr. 2023 Apr;153(4):1211-1219. doi: 10.1016/j.tjnut.2023.02.005. Epub 2023 Feb 11. PMID: 36780945 Free PMC article.

Fruit and vegetable liking and intake among college students: a cross-sectional study.

Henley Ms K, Reeder Ms N, Persell Bs A, Tolar-Peterson Edd T. J Am Coll Health. 2023 Aug-Sep;71(6):1815-1821. doi: 10.1080/07448481.2021.1947834. Epub 2021 Jul 9. PMID: 34242142

Obesity Prevalence and Dietary Factors Among Preschool-Aged Head Start Children in Remote Alaska Native Communities: Baseline Data from the "Got Neqpiq?" Study.

Hill CM, Paschall MJ, Koller KR, Day GM, Lee FR, O'Brien DM, King DK, Palmer L, Thomas TK, Bersamin A. Child Obes. 2023 Oct;19(7):498-506. doi: 10.1089/chi.2022.0143. Epub 2022 Dec 5. PMID: 36473164 Free PMC article. Clinical Trial.

Association between Skin Carotenoid Score Measured with Veggie Meter and Adherence to the Mediterranean Diet among Adolescents from Southern Italy

Giovanna Caparello Giovanni Dongionny Groccia Fabrizio Ceraudo Mirko Cesario Renzo Bonofiglio Giuseppina Augimeri Daniela Bonofiglio
Nutrients 2023, 15(23), 4920; <https://www.mdpi.com/2072-6643/15/23/4920>

Evidence for Criterion-related Validity of Pressure-Mediated Reflection Spectroscopy for Approximating Fruit and Vegetable Consumption among Preschool Children

Saima Hasnin , Dipti A Dev , Stephanie Jilcott Pitts
Abstract: <https://pubmed.ncbi.nlm.nih.gov/38008362/>
J Nutr. 2023 Nov 24:S0022-3166(23)72743-0.

Skin Carotenoids Measured by Reflection Spectroscopy Correlate With Dietary Carotenoid Intake in Racially and Ethnically Diverse US Toddlers From Houston, Texas

Varsha Varghese , Aliye B. Cepni PhD , Jocelyn Chang MS, RDN , Hanjoe Kim PhD , Nancy E. Moran PhD , Tracey A. Ledoux PhD, RDN

Abstract: <https://www.sciencedirect.com/science/article/abs/pii/S2212267223016325>

Journal of the Academy of Nutrition and Dietetics Available online 29 October 2023

Examining Potential Modifiers of Human Skin and Plasma Carotenoid Responses in a Randomized Trial of a Carotenoid-Containing Juice Intervention

Stephanie B Jilcott Pitts , Qiang Wu , Nancy E Moran , Melissa N Laska , Lisa Harnack

Abstract: <https://pubmed.ncbi.nlm.nih.gov/37742797/>

J Nutr. 2023 Nov;153(11):3287-3294.

Methods for Assessing Health Outcomes Associated with Food Insecurity in the United States College Student Population: A Narrative Review

Radtke, Marcela, Steinberg, Francene M

Abstract: <https://escholarship.org/uc/item/7wj3j2s3>

Open Access Publications from the University of California

Higher Intake of Nutrients with Antioxidant and Anti-Inflammatory Effects among Children with Cow's Milk Allergy According to the Degree of Elimination

Yuie Motoyama , Yuzuna Tanaka , Ayu Kawabata , Tomiyo Nakamura , Takashi Kusunoki

Abstract: <https://bibgraph.hpcr.jp/abst/pubmed/37648514>

Nutr Sci Vitaminol. 2023;69(4):275-283.

A simple dietary intervention to reduce inflammation and oxidative stress in individuals with metabolic syndrome

M Biddle, J H Kang, D Brewer

Abstract: https://academic.oup.com/eurjcn/article-abstract/22/Supplement_1/zvad064.149/7232943?login=false

European Journal of Cardiovascular Nursing, Volume 22, Issue Supplement_1, August 2023

¡Haz Espacio Para Papi! A Father-Focused Program to Promote Healthy Dietary Behaviors in Mexican-Heritage Families: Analysis of Immediate and Long-term Program Impacts on Fathers and Adaptation to the COVID-19 Pandemic

Vahk, Annika

Abstract: <https://www.proquest.com/openview/9ab548669e53da4ef050a70dea7f92aa/1?pq->

[origsite=gscholar&cbl=18750&diss=y](#)

Washington State University ProQuest Dissertations Publishing, 2023. 30318330.

Associations Between Self-Reported Fruit and Vegetable Intake and Skin Carotenoids Among Pregnant Women

Mali Hosseinzadeh, Lenka Shriver, Cheryl Buehler, Laurie Wideman, Esther Leerkes

Abstract: <https://www.sciencedirect.com/science/article/pii/S149940462300221X>

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Jarick Metcalfe, MPH,Reah Chiong ,Ruyu Liu ,Baz Perry, Roger Figueroa

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Nutrition Education and Physical Activity Intervention on Fruits and Vegetable Intake of Nigerian Immigrants

Oluwatosin Akingbule, Margarita Teran-Garcia, Stephanie Okoye Pharm D, Olufemi

Fabusoro, Reginald Abstract:

<https://www.sciencedirect.com/science/article/pii/S1499404623002944>

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Criterion Validity of Veggie Meter® to Estimate Fruit and Vegetable Consumption in Non-Hispanic White Preschool Children

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Starting Early Program Cohort: Prenatal and Early Life Predictors of Diet, Weight, Adiposity and Cardiovascular Health in School-Aged Children

Mary Jo Messito, Rachel Gross

Abstract: [https://www.jneb.org/article/S1499-4046\(23\)00359-7/fulltext](https://www.jneb.org/article/S1499-4046(23)00359-7/fulltext)

Journal of Nutrition Education and Behavior VOLUME 55, ISSUE 7, SUPPLEMENT , 112, JULY 2023

Results of a Behavioral Nutrition Program for Mexican-Heritage Children in the Lower Rio Grande Valley of Texas

Chelsey Laviolette, Cassandra M. Johnson, J. Lauren Butler, Lesli Biediger-Friedman, Joseph R. Sharkey

Abstract: <https://www.sciencedirect.com/science/article/pii/S1499404623002099>

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Skin Carotenoid Status May Provide Insight Into Overall Diet Quality in Adolescents

Miranda Badolato, Karla Shelnut, Lisa House, Kerri-Ann Chambers, James Colee, Anne Mathews

Abstract: [https://www.jneb.org/article/S1499-4046\(23\)00247-6/fulltext](https://www.jneb.org/article/S1499-4046(23)00247-6/fulltext)

Journal of Nutrition Education and Behavior VOLUME 55, ISSUE 7, SUPPLEMENT , 56-57, JULY 2023

Pattern separation abilities are selectively related to food label and numeracy nutrition skills

Sarma, Rhea

Abstract: <https://www.ideals.illinois.edu/items/127576>

University of Illinois at Urbana-Champaign

Inter-device concordance of Veggie Meter, a reflection spectroscopy to measure skin carotenoids

Akira Obana, Ryo Asaoka, Yuji Takayanagi, Yuko Gohto

Abstract: <https://bibgraph.hpcr.jp/abst/pubmed/37072378>

J Biophotonics. 2023 Apr 18;e202300071.

Systematic Review of Reflection Spectroscopy-Based Skin Carotenoid Assessment in Children.

Saima Hasnin ,Dipti A Dev ,Taren Swindle ,Susan B Sisson ,Stephanie Jilcott Pitts ,Tirna Purkait ,Shari C Clifton ,Jocelyn Dixon ,Virginia C Stage

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36986046/>

Nutrients. 2023 Mar 7;15(6):1315.

Sensitivity of Pressure-Mediated Reflection Spectroscopy to Detect Changes in Skin Carotenoids in Adults Without Obesity in Response to Increased Carotenoid Intake: A Randomized Controlled Trial.

Shanon L Casperson ,James N Roemmich ,Kate J Larson ,Julie M Hess ,Daniel G Palmer ,Lisa Jahns

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36894250/>

J Nutr. 2023 Feb;153(2):588-597.

Reflection Spectroscopy-Assessed Skin Carotenoids Are Sensitive to Change in Carotenoid Intake in a 6-Week Randomized Controlled Feeding Trial in a Racially/Ethnically Diverse Sample.

Stephanie Jilcott Pitts,Nancy E Moran,Melissa N Laska,Qiang Wu,Lisa Harnack,Stacey Moe,Pamela Carr-Manthe,Elizabeth Gates,Jocelyn Chang,Yusuf Zaidi,Abigail Gelineau,Lauren Berg,Neal E Craft

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36804322/>

J Nutr. 2023 Apr;153(4):1133-1142.

Assessment of Skin Carotenoid Measurement as a Means to Detect Vitamin A Deficiency, in Children and Pregnant Women of Nepal.

Raba Thapa ,Emmanuel K Addo ,Sanduk Ruit ,Paul S Bernstein

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36780945/>

J Nutr. 2023 Apr;153(4):1211-1219.

Validation of Diet ID™ in Predicting Nutrient Intake Compared to Dietary Recalls, Skin Carotenoid Scores, and Plasma Carotenoids in University Students.

Radtke Marcela D ,Chodur Gwen M ,Bissell Michael C S ,Kemp Leslie C ,Medici Valentina ,Steinberg

Francene M ,Scherr Rachel E

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36678280/>

Nutrients. 2023 Jan 13;15(2):409.

Non-invasive, Reflection Spectroscopy Measurement of Skin Carotenoid Score in Infants is Feasible and Reliable.

Moran Nancy E ,Chang Jocelyn ,Stroh Rachel ,Zaidi Yusuf ,Hason Noor ,Musaad Salma ,O'Connor Teresia

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35981784/>

J Nutr. 2023 Jan 14;152(12):2966-2977.

Vegetable-enriched bread: Pilot and feasibility study of measurement of changes in skin carotenoid concentrations by reflection spectroscopy as a biomarker of vegetable intake

Isaac Amoah, Carolyn Cairncross, Elaine Rush

<https://onlinelibrary.wiley.com/doi/full/10.1002/fsn3.3327>

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Nutrition Effects of a Family-Centered Health Promotion Program for Mexican-Heritage Children in the Lower Rio Grande Valley of Texas

Chelsey Laviolette, Cassandra M. Johnson, *ORCID, J. Lauren Butler, Lesli Biediger-Friedman ORCID and Joseph R. Sharkey

Abstract: <https://pubmed.ncbi.nlm.nih.gov/37049438/>

Nutrients 2023, 15(7), 1600

Weight status impacts children's incidental statistical learning

Anne M. Walk a, Corinne N. Cannavale b, Shelby A. Keye b, Laura Rosok d, Caitlyn Edwards c, Naiman Khan

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36796729/>

Int J Psychophysiol. 2023 May;187:34-42.

An integrated approach to address diabetes in the context of food insecurity: Delivering health study protocol

Eliza Shor, Matthew A. Gannon, Kelsey Bounds a Bonnie Faitak, Pam Martin, Sarah Moore, DeAnna Shannon, James P. Selig, Emily S. English d Holly C. Felix, Lauren Haggard-Duff f, Juan Mejia-Otero, Pearl A. McElfish, Christopher R. Long

<https://www.sciencedirect.com/science/article/pii/S2451865423000856>

Contemporary Clinical Trials Communications Available online 12 April 2023, 101139

Evaluation of Modern Approaches for the Assessment of Dietary Carotenoids as Markers for Fruit and Vegetable Consumption

Thorsten Henning, Philipp Wagner, Egbert Gedat, Bastian Kochlik, Paula Kusch, Kay Sowoidnich, Marko Vastag, Jeannine Gleim, Marcel Braune, Martin Maiwald, Bernd Sumpf, Tilman Grune, Daniela Weber

Abstract: <https://pubmed.ncbi.nlm.nih.gov/37049505/>

Nutrients. 2023 Mar 29;15(7):1665.

Biochemical Validation of a Self-Administered Carotenoid Intake Screener to Assess Carotenoid Intake in Nonobese Adults

Shanon L. Casperson , Angela Scheett , Daniel G. Palmer , Lisa Jahns , Julie M. Hess , James N. Roemmich

<https://www.sciencedirect.com/science/article/pii/S2475299122145245>

Current Developments in Nutrition Volume 7, Issue 2, February 2023, 100024

IMPROVING ACCESS TO HEALTHY AND AFFORDABLE FOODS FOR FAMILIES OF LOW SOCIOECONOMIC STATUS LIVING IN DURHAM COUNTY, NORTH CAROLINA

Aebker, Annika, Maclean, Heather, Scharf, Rosemarie, Stutz, Madeline

https://cdr.lib.unc.edu/concern/masters_papers/fn1078206

IMPROVING ACCESS TO HEALTHY April 10, 2023

COVID-19 Related Protocol Considerations and Modifications within a Rural, Community-Engaged Health Promotion Randomized Trial

Rebecca A. Seguin-Fowler , Galen D. Eldridge , Meredith Graham , Sara C. Folta , Karla L. Hanson , Jay E.

Maddock

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36648954/>

<https://www.mdpi.com/2409-9279/6/1/5>

Methods Protoc. 2023 Jan 5;6(1):5.

A Systematic Literature Review of Food Desert Interventions

Rumbaugh, Sara

https://ir.library.oregonstate.edu/concern/honors_college_theses/v118rn723

Oregon State University Honors College Presented February 24, 2023

[2022]

Obesity Prevalence and Dietary Factors among Preschool-Aged Head Start Children in Remote Alaska Native Communities: Baseline Data from the "Got Neqpiaq?" Study.

Hill Courtney M , Paschall Mallie J , Koller Kathryn R , Day Gretchen M , Lee Flora R , O'Brien Diane M , King

Diane K , Palmer Lea , Thomas Timothy K , Bersamin Andrea

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36473164/>

Child Obes. 2022 Dec 5.

Improving Skin Carotenoid Levels in Young Students through Brief Dietary Education Using the Veggie Meter.

Obana Akira , Asaoka Ryo , Miura Ayako , Nozue Miho , Takayanagi Yuji , Nakamura Mieko

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36009289/>

Antioxidants (Basel). 2022 Aug 14;11(8):1570.

Relevance of Diabetic Retinopathy with AGEs and Carotenoid Levels Assessed by Skin Sensors.

Sasaki Junichi ,Takayanagi Yuji ,Kadoh Yoichi ,Tanito Masaki

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35883861/>

Antioxidants (Basel). 2022 Jul 14;11(7):1370.

Fingertip-Measured Skin Carotenoids and Advanced Glycation End Product Levels in Glaucoma.

Kadoh Yoichi ,Takayanagi Yuji ,Sasaki Junichi ,Tanito Masaki

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35740035/>

Antioxidants (Basel). 2022 Jun 9;11(6):1138.

Effects of water chestnut (*Tarpha bispinosa* Roxb.) extract/lutein on fingertip-measured advanced glycation endproduct/carotenoid levels.

Yamane Yukari ,Mochiji Mihoko ,Ichioka Sho ,Takayanagi Yuji ,Ishida Akiko ,Obana Akira ,Tanito Masaki

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35687659/>

Free Radic Res. 2022 Mar-Apr;56(3-4):282-289.

Association of Skin Carotenoid Score and Food Intake among School Children: A Multicenter Cross-Sectional Study.

Takeuchi Jiro ,Kusunoki Takashi ,Morimoto Takeshi

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35491202/>

J Nutr Sci Vitaminol (Tokyo). 2022;68(2):127-130.

Reply to Byker Shanks et al.

Measurement of Fruit and Vegetable Intake Incorporating a Diversity, Equity, and Inclusion Lens. Comment on "Di Noia, J.; Gellermann, W. Use of the Spectroscopy-Based Veggie Meter® to Objectively Assess Fruit and Vegetable Intake in Low-Income Adults. *Nutrients* 2021, 13, 2270"

Di Noia Jennifer ,Gellermann Werner

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35215460/>

Nutrients. 2022 Feb 15;14(4):811.

Measurement of Fruit and Vegetable Intake Incorporating a Diversity, Equity, and Inclusion Lens. Comment on Di Noia, J.; Gellermann, W. Use of the Spectroscopy-Based Veggie Meter® to Objectively Assess Fruit and Vegetable Intake in Low-Income Adults. *Nutrients* 2021, 13, 2270

Carmen Byker Shanks ,Betty Izumi ,Courtney A Parks ,Amy L Yaroch

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35215459/>

Nutrients. 2022 Feb 15;14(4):809.

Skin Carotenoids Are Related to Cognitive and Motor Skills Among Toddlers

Lexi Fifield, Naiman Khan, Anne Walk, Shelby Keye, Laura Rosok, Rhea Sarma

Abstract: https://academic.oup.com/cdn/article/6/Supplement_1/59/6607102?login=false

Current Developments in Nutrition, Volume 6, Issue Supplement_1, June 2022, Page 59,

A Randomized Controlled Trial of a Research-Tested Mobile Produce Market Model Designed to Improve Diet in Under-Resourced Communities: Rationale and Design for the Veggie Van Study

Leah N. Vermont ,Christina Kasprzak ,Anne Lally ,Alicia Claudio ,Laurene Tumiel-Berhalter ,Lindsey Haynes-Maslow ,Alice Ammerman ,Samina Raja, Lucia A. Leone

<https://www.mdpi.com/1660-4601/19/16/9832>

Int. J. Environ. Res. Public Health 2022, 19(16), 9832

Correlation of skin carotenoid content with 3-day dietary intake in community dwelling older adults

Keller Jessica ETaylor Matthew KSmith Aaron NLittrell JuleahSpaeth KendraBoeckman Caitlin RBurns Jeffrey MSullivan Debra K

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34795468/>

J Food Compost Anal. 2022 Jan;105:104243.

A Narrative Review of Dietary Assessment Tools for Preschool-Aged Children in the Home Environment

Bellows Laura LLou YuanyingNelson RachelReyes Ligia IBrown Renae CMena Noereem ZBoles Richard E

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36432478/>

Nutrients. 2022 Nov 12;14(22):4793.

Promotoras de Salud in a Father-Focused Nutrition and Physical Activity Program for

Border Communities: Approaches and Lessons Learned from Collaboration

Cassandra M Johnson , Marlyn A Allicock , Joseph R Sharkey , M Renée Umstattd Meyer , Luis Gómez , Tyler Prochnow , Chelsey Laviolette , Elva Beltrán , Luz M Garza

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36141933/>

Int J Environ Res Public Health. 2022 Sep 16;19(18):11660.

The feasibility of using an adapted 24-hour recall method versus skin carotenoids status to assess fruit and vegetable intake in low-income Māori households : a thesis presented for the partial fulfilment of the requirements for the degree of Master of Science in Nutrition and Dietetics at Massey University, Albany, New Zealand

Young, Dana

Abstract: <https://mro.massey.ac.nz/handle/10179/17864>

Massey University 2022

Encouraging Healthier Food and Beverage Purchasing and Consumption: A Review of Interventions within Grocery Retail Settings

Henry Wolgast ,McKenna M Halverson ,Nicole Kennedy ,Isabel Gallard ,Allison Karpyn

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36498181/>

Int J Environ Res Public Health. 2022 Dec 1;19(23):16107.

The impact of home garden kits with a summer garden enhanced nutrition education (gene) program on vegetable preference, intake, and home availability of children

Qian, Rebecca

Abstract: <https://twu-ir.tdl.org/handle/11274/13798>

Nutrition & Food Sciences 2022

Effectiveness of mobile health interventions targeting parents to prevent and treat childhood Obesity: Systematic review

Laura Bonvicini a, Ilaria Pingani b, Francesco Venturelli a, Nicoletta Patrignani a, Maria Chiara Bassi c, Serena Broccoli d, Francesca Ferrari a, Teresa Gallelli e, Costantino Panza f, Massimo Vicentini a, Paolo Giorgi Rossi

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36161123/>

Prev Med Rep. 2022 Aug 9;29:101940.

The effect of daily peanut consumption on cognitive function and indicators of mental health among healthy young women

Nicole Reeder, Terezie Tolar-Peterson, Grace A. Adegoye, Erin Dickinson, Emily McFatter

Abstract: <https://www.ffhdj.com/index.php/ffhd/article/view/1010>

Functional Foods in Health and Disease Online ISSN: 2160-3855, Print ISSN: 2378-7007

Understanding Impacts of SNAP Fruit and Vegetable Incentive Program at Farmers' Markets: Findings from a 13 State RCT

Allison Karpyn ,Julia Pon ,Sara B Grajeda ,Rui Wang ,Kathryn E Merritt ,Tara Tracy ,Henry May ,Ginnie Sawyer-Morris ,McKenna M Halverson ,Alan Hunt

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35742692/>

Int J Environ Res Public Health. 2022 Jun 17;19(12):7443.

A Produce Prescription Program in Eastern North Carolina Results in Increased Voucher Redemption Rates and Increased Fruit and Vegetable Intake among Participants

A Produce Prescription Program in Eastern North Carolina Results in Increased Voucher Redemption Rates and Increased Fruit and Vegetable Intake among Participants.

Mary Jane Lyonnais ,Ann P Rafferty ,Susannah Spratt ,Stephanie Jilcott Pitts

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35745161/>

Nutrients. 2022 Jun 11;14(12):2431. doi: 10.3390/nu14122431.

The impact of the consumer and neighbourhood food environment on dietary intake and obesity-related outcomes: A systematic review of causal impact studies

Atanasova Petya ,Kusuma Dian ,Pineda Elisa ,Frost Gary ,Sassi Franco ,Miraldo Marisa

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35290815/>

Soc Sci Med. 2022 Apr; 299:114879.

Farmers' Market Nutrition Program Educational Events Are Broadly Accepted and May Increase Knowledge, Self-Efficacy and Behavioral Intentions

Karen L Franck ,Soghra Jarvandi ,Kristen Johnson ,Amy Elizer ,Stephanie Middleton ,Lee Sammons

Abstract: <https://pubmed.ncbi.nlm.nih.gov/36999492/>

Nutrients. 2022 Jan 19;14(3):436. doi: 10.3390/nu14030436.

Assessment of Fruit and Vegetables Intake with Biomarkers in Children and Adolescents and Their Level of Validation: A Systematic Review

Yuan Li ,Muli Samuel ,Huybrechts Inge ,Nöthlings Ute ,Ahrens Wolfgang ,Scalbert Augustin ,Floegel Anna

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35208201/>

Metabolites. 2022 Jan 28;12(2):126.

The Association between Gut Microbiome and Cognitive Performance in Cognitively, Normal Older Adults

Bizimana, Christa Bella.

<https://www.proquest.com/openview/ea976c29f73159ce4713f66a8a29c13/1?pq-origsite=gscholar&cbl=18750&diss=y>

University of Kansas ProQuest Dissertations Publishing, 2022. 30243046.

Skin Carotenoid Status of Black/African American College Students Correlates with Plasma Carotenoids and Fruit and Vegetable Intake Independent of Skin Tone

Bahram Faraji, Michael R. Bukowski, Tiffany Thompson-Johnson, Lucas Krusinski, Jessica Lawson Goldberg, Cecily M. Brooks⁶ and Samantha Snyder

https://www.researchgate.net/publication/358001274_Skin_Carotenoid_Status_of_BlackAfrican_American_College_Students_Correlates_with_Plasma_Carotenoids_and_Fruit_and_Vegetable_Intake_Independent_of_Skin_Tone

Int J Clin Nutr Diet 2022,8:161

Skin Carotenoids and Diet Quality Are Associated With Intellectual Ability Among Preschool-Aged Children

Trisha Yen, Arden McMath, Shelby Keye, Samantha Iwinski, Corinne Cannavale, Anne Walk, Naiman Khan

Abstract: https://academic.oup.com/cdn/article/6/Supplement_1/68/6607028?login=false

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Low Fruit, Vegetables, and Carotenoids Intake Driving Low Healthy Eating Index in Young Children with Food Insecurity

Lewis Rubin, Hannah Leu, Bryan Nathan, Rajeev Agrawal, Hannah Arem, Janine Rethy

Abstract: https://academic.oup.com/cdn/article/6/Supplement_1/67/6606387?login=false

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The Impact of an After-School Garden Enhanced Education (GENE) on Skin Carotenoids as a Measure of Vegetable Consumption on Diverse, Low-Income Children

Mona Khalil, Carolyn Moore

https://academic.oup.com/cdn/article/6/Supplement_1/60/6607101?login=false

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[2021]

Relationships between Skin Carotenoid Levels and Metabolic Syndrome.

Takayanagi Yuji ,Obana Akira ,Muto Shigeaki ,Asaoka Ryo ,Tanito Masaki ,Ermakov Igor V ,Bernstein Paul S ,Gellermann Werner

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35052521/>

Antioxidants (Basel). 2021 Dec 22;11(1):14.

Measuring Skin Carotenoids Using Reflection Spectroscopy in a Low-Income School Setting.

Jones Anna M ,Keihner Angie ,Mills MaryAnn ,MkNelly Barbara ,Khaira Kamaljeet K ,Pressman Jona ,Scherr Rachel E

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34836051/>

Nutrients. 2021 Oct 26;13(11):3796.

Pressure-Mediated Reflection Spectroscopy Criterion Validity as a Biomarker of Fruit and Vegetable Intake: A Two-Site Cross-Sectional Study of Four Racial Or Ethnic Groups.

Pitts Stephanie B Jilcott ,Moran Nancy E ,Wu Qiang ,Harnack Lisa ,Craft Neal E ,Hanchard Neil ,Bell Ronny ,Moe Stacey G ,Johnson Nevin ,Obasohan Justice ,Carr-Manthe Pamela L ,Laska Melissa N

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34562088/>

J Nutr. 2022 Jan 11;152(1):107-116.

Recommendations for the Use of the Veggie Meter® for Spectroscopy-Based Skin Carotenoid Measurements in the Research Setting.

Marcela D Radtke ,Mykaela Poe ,Jodi Stookey ,Stephanie Jilcott Pitts ,Nancy E Moran ,Matthew J Landry ,Lewis P Rubin ,Virginia C Stage ,Rachel E Scherr

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34476333/>

Curr Dev Nutr. 2021 Jul 29;5(8):nzab104.

Fruit and vegetable liking and intake among college students: a cross-sectional study.

Henley Kentauria ,Reeder Nicole ,Persell Anna ,Tolar-Peterson Terezie

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34242142/>

J Am Coll Health. 2021 Jul 9;1-7.

Use of the Spectroscopy-Based Veggie Meter® to Objectively Assess Fruit and Vegetable Intake in Low-Income Adults

Jennifer Di Noia 1, Werner Gellermann

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34209048/>

Nutrients; Jun 30;13(7):2270 (2021)

Using the Veggie Meter in Elementary Schools to Objectively Measure Fruit and Vegetable Intake: A Pilot Study

Sarah Martinelli , Francesco Acciai , Natasha Tasevska , Punam Ohri-Vachaspati

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34066275/>

Methods Protoc; May 12;4(2):33. (2021)

Examining fruit and vegetable intake in low-income older adults using the Veggie Meter®

Amanda Kopetsky Fultz , Samantha M Rex , Audrey Mazelin , Charlotte McGarry , Ben Brewer , Freda Patterson, Shannon Robson

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34100662/>

Nutr Health.; Jun 8;2601060211022275. (2021)

Economic Evaluation of a Farm-to-Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Intervention Promoting Vegetable Consumption.

Jennifer Di Noia, Dorothy Monica, Helen H Jensen, Alla Sikorskii

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33972002/>

Public Health Nutr. ;May 11;1-7. (2021)

A four-year observational study to examine the dietary impact of the North Carolina Healthy Food Small Retailer Program, 2017-2020.

Jilcott Pitts Stephanie B ,Wu Qiang ,Truesdale Kimberly P ,Rafferty Ann P ,Haynes-Maslow Lindsey ,Boys Kathryn A ,McGuirt Jared T ,Fleischhacker Sheila ,Johnson Nevin ,Kaur Archana P ,Bell Ronny A ,Ammerman Alice S ,Laska Melissa N

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33761952/>

Int J Behav Nutr Phys Act. 2021 Mar 24;18(1):44.

Comparison of Skin Carotenoid Content among Older Adults with Obesity,

Hypertension, and Diabetes Mellitus

Jessica Keller, Matthew Taylor, Kendra Spaeth, Juleah Littrell, Debra Sullivan

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123105932>

Current Developments in Nutrition; Vol.5, Issue Supplement2, June 75-, (2021)

Pilot Feasibility, Reliability, and Validity Assessment of Infant Skin Carotenoids Measured by Reflection Spectroscopy as a Non-invasive Biomarker of Carotenoid Intake

Nancy Moran, Jocelyn Chang, Yusuf Zaidi, Rachel Stroh, Noor Hason, Teresia O'Connor

Abstract: <https://pubmed.ncbi.nlm.nih.gov/35981784/>

Current Developments in Nutrition; Vol5, Issue Supplement2, June 77- (2021)

Skin Carotenoid Accumulation in Response to a Two-Week Sweet Potato Snack Added to the Usual Diet

Taylor Erickson, Rui Li, Elizabeth Woods, Stephanie Dickinson, Alyce Fly

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123106391>

Current Developments in Nutrition; Vol.5, Issue Supplement2, June 121- (2021)

Food-Based Science, Technology, Engineering, Arts, and Mathematics (STEAM) Learning Activities May Reduce Decline in Preschoolers' Skin Carotenoid Status

Jocelyn Bayles BS1 Amanda D. Peterson MS, RDN, LDN1 Stephanie Jilcott Pitts PhD2 Hui Bian PhD3 L.

Suzanne Goodell PhD, RDN4 Sarah Burkholder BS1 Archana V. Hegde PhD, BK5 Virginia C. Stage PhD, RDN

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33349594/>

Journal of Nutrition Education and Behavior; Vol.53, Issue 4, April 343-351 (2021)

Skin Carotenoid Scores Assessed with Reflection Spectroscopy Are Associated with Self-Reported Fruit and Vegetable Intake Among Latino Early Adolescents

Sayaka Nagao-Sato, Aysegul Baltaci, Alejandro Omar Peralta Reyes, Youjie Zhang, Ghaffar Ali Hurtado

Choque, Marla Reicks

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33820748/>

J Acad Nutr Diet; Apr 2;S2212-2672(21)00140-4.(2021)

Process Evaluation of a Farm-to-WIC Intervention

Jennifer Di Noia, Dorothy Monica Alia Sikorskii

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34144918/>

Journal of the Academy of Nutrition and Dietetics; Available online 16 June (2021)

The Lutein and Zeaxanthin in Pregnancy (L-ZIP) study—carotenoid supplementation during pregnancy: ocular and systemic effects—study protocol for a randomized controlled trial

Emmanuel Kofi Addo, Aruna Gorusupudi, Susan Allman & Paul S. Bernstein

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33888136/>

Trials; Apr 22;22(1):300. (2021)

A meta-analysis of studies examining associations between resonance Raman spectroscopy-assessed skin carotenoids and plasma carotenoids among adults and children

Stephanie B Jilcott Pitts , Nevin S Johnson , Qiang Wu , Gina C Firnhaber , Archana Preet Kaur , Justice Obasohan

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33822186/>

Nutr Rev; Apr 2nuab016 (2021)

Skin Carotenoid Status Over Time and Differences by Age and Sex Among Head Start Children (3–5 Years) Journal of Nutrition Education and Behavior

Sarah Burkholder, Stephanie Jilcott Pitts, Qiang Wu, Jocelyn Bayles, Richard Baybutt, Virginia C. Stage,

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33349596/>

Nutr Educ Behav. 2021 Feb;53(2):103-109.

Skin Carotenoid Status Over Time and Differences by Age and Sex Among Head Start Children (3-5 years) Living in Eastern North Carolina

Sarah Burkholder, Stephanie Jilcott Pitts, Qiang Wu, Jocelyn Bayles, Richard Baybutt, and Virginia C. Stage,

Abstract; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8042778/>

J Nutr Educ Behav. 2021 Feb; 53(2): 103–109.

Weight Status and Visceral Adiposity Mediate the Relation between Exclusive Breastfeeding Duration and Skin Carotenoids in Later Childhood

Ruyu Liu, Caitlyn G Edwards, Corinne N Cannavale, Isabel R Flemming, Morgan R Chojnacki, Ginger E Reeser, Samantha J Iwinski, Lisa M Renzi-Hammond, Naiman A Khan

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33758790/>

Current Developments in Nutrition, Volume 5, Issue 3, March 2021

Characterizing Vegetable and Fruit Intake in a Remote Alaska Native Community

Using Reflection Spectroscopy and 24-Hour Recalls

Courtney M. Mallie J. Diane M.O'Brien Andrea Bersamin

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33715972/>

Journal of Nutrition Education and Behavior Available online 11 March 2021

Pilot Study of a Farm-to-Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Intervention Promoting Vegetable Consumption

Jennifer Di Noia, Dorothy Monica Alla, Sikorskii Julia Nelson

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33758790/>

Journal of the Academy of Nutrition and Dietetics Available online 22 January 2021

Metering Mood with Veggies: Association of Skin Carotenoid Levels and Depressive Symptoms or Mood Disturbances

Finnell, Caroline.

<https://www.proquest.com/openview/d60df88c47061df2ad36c61b432a495f/1?pq-origsite=gscholar&cbl=18750&diss=y>

University of Kansas ProQuest Dissertations Publishing, 2021. 28497652.

Food-based STEAM Learning Activities Reduce Decline in Preschoolers Skin Carotenoid Status

Bayles, Jocelyn

<https://thescholarship.ecu.edu/handle/10342/9009>

East Carolina University 2021-04-23

Skin carotenoid content is associated with speed of processing in cognitively normal older adults

Debra K Sullivan, Matthew K Taylor, Cheryl A Gibson, James M Backes, Jeffrey M Burns

<https://alz-journals.onlinelibrary.wiley.com/doi/abs/10.1002/alz.055513>

Alzheimer's & Dementia Volume 17, Issue S10 December 2021

Reducing Cardiovascular Risk Among Participants in a Community Supported Agriculture Program

Martha J Biddle, Junghee J Kang, Dawn Brewer and Timothy A Woods

https://www.ahajournals.org/doi/10.1161/circ.144.suppl_1.10560

Circulation. 144.suppl_1 2021

Feasibility and Efficacy of the "FUNPALS Playgroup" Intervention to Improve Toddler

Dietary and Activity Behaviors: A Pilot Randomized Controlled Trial

Cepni Aliye B ,Taylor Ashley ,Crumbley Christine ,Thompson Debbe ,Moran Nancy E ,Olvera

Norma ,O'Connor Daniel P ,Arlinghaus Katherine R ,Johnston Craig A ,Ledoux Tracey A

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34360118/>

Int J Environ Res Public Health. 2021 Jul 23;18(15):7828.

Goji Berry Intake Increases Macular Pigment Optical Density in Healthy Adults: A Randomized Pilot Trial

Li Xiang ,Holt Roberta R ,Keen Carl L ,Morse Lawrence S ,Yiu Glenn ,Hackman Robert M

Abstract: <https://pubmed.ncbi.nlm.nih.gov/34959963/>

Nutrients. 2021 Dec 9;13(12):4409.

Designing for Multilevel Behavior Change: A Father-Focused Nutrition and Physical Activity Program for Mexican-Heritage Families in South Texas Border Communities

Cassandra M Johnson 1, Joseph R Sharkey 2, M Renée Umstattd Meyer 3, Luis Gómez 2, Marlyn A Allicock 4, Tyler Prochnow 5, Elva Beltrán 2, Luz Martinez 2

<https://www.mdpi.com/1660-4601/18/19/10117>

Int J Environ Res Public Health. 2021 Sep 26;18(19):10117.

Determination of Perceived Calorie Content of Common Foods

Ruiz, Sarah Leticia.

<https://www.proquest.com/openview/559d29b5f556c91060046c0958dcd8d0/1?pq-origsite=gscholar&cbl=18750&diss=y>

The University of Texas at El Paso ProQuest Dissertations Publishing, 2021. 28496410.

Review: Noninvasive carotenoid measurements in the eye and skin (Japanese)

Akira Obana

Abstract: https://www.jstage.jst.go.jp/article/jslsm/42/2/42_jslsm-42_0011/_article/-char/ja/

Japanese Journal of Laser Medicine 2021 Vol.42 No.2 p.64-70

[2020]

Determinants and Suitability of Carotenoid Reflection Score as a Measure of Carotenoid Status

Elaine Rush , Isaac Amoah , Tung Diep , Shabnam Jalili-Moghaddam

Abstract: <https://pubmed.ncbi.nlm.nih.gov/31906259/>

Nutrients. 2020 Jan 1;12(1):113.

Use of the Veggie Meter® as a tool to objectively approximate fruit and vegetable intake among youth for evaluation of preschool and school-based interventions

K May, S Jilcott Pitts , V C Stage , C J Kelley , S Burkholder , X Fang , A Zeng , S Lazorick

Abstract: <https://pubmed.ncbi.nlm.nih.gov/32281191/>

J Hum Nutr Diet. 2020 Dec;33(6):869-875.

Effect of Handwashing on Skin Carotenoid Measurements Using Pressure-Mediated Reflectance Spectroscopy Current

Taylor Erickson, Stephanie Dickinson, Lilian Golzarri-Arroyo, Alyce Fly

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123076217>

Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020, Page 103

Skin Carotenoid Levels Over Time and Differences by Age, Sex, and Race Among Head Start Children (3-5 years) Living in Eastern North Carolina

Burkholder, Sarah

Abstract: <https://libres.uncg.edu/ir/listing.aspx?id=34972>

East Carolina University 8/5/2020

Baseline Skin Carotenoid Levels and Associations with Season, Age, Gender, and Race among Head Start Children (3-5 years) Living in Eastern North Carolina

Jocelyn Bayles, BS Sarah Burkholder, BS Stephanie Jilcott Pitts, PhD Virginia Stage, PhD, RDN

P163

NUTRITION EDUCATION RESEARCH METHODS| VOLUME 52, ISSUE 7, SUPPLEMENT , S93-S94, JULY 01, 2020

Dietary Patterns of Lactating Women in Central North Carolina Evaluated Using Three Validated Assessment Tools

Gutierrez dos Santos, Bruna.

Abstract:<https://www.proquest.com/openview/6661a07007441feda66dd807ab95b587/1?pq-origsite=gscholar&cbl=18750&diss=y>

The University of North Carolina at Greensboro, ProQuest Dissertations Publishing, 2020. 27831954.

Comparative Outcome Evaluation of 3 Delivery Models for a Diabetes Prevention

Education Program for Older Adults

Yasaman Jamshidi-Naeini Wilna Oldewage-Theron

Abstract; <https://www.sciencedirect.com/science/article/abs/pii/S1499404620303778>

Journal of Nutrition Education and Behavior Volume 52, Issue 7, Supplement, July 2020,
Page S93

Skin carotenoids are inversely associated with adiposity in breast cancer survivors

Brenda Cartmel , Chelsea Anderson , Melinda L Irwin , Maura Harrigan , Tara Sanft , Fangyong Li , Werner Gellermann , Igor V Ermakov , Leah M Ferrucci

Abstract; <https://pubmed.ncbi.nlm.nih.gov/32650223/>

Nutr Res. 2020 Jul; 79:77-86.

Associations between shopping patterns, dietary behaviours and geographic information system-assessed store accessibility among small food store customers

Jared T McGuirt,Qiang Wu,Melissa N Laska,Kimberly P Truesdale,Ann P Rafferty,Ronny A Bell,Alice S Ammerman and Stephanie B Jilcott Pitts

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33317649/>

Public Health Nutr. 2020 Dec 15;1-10.

Food-Based Science, Technology, Engineering, Arts, and Mathematics (STEAM)

Learning Activities May Reduce Decline in Preschoolers' Skin Carotenoid Status

Jocelyn Bayles Amanda D. Peterson 、 Stephanie Jilcott Pitts ,Hui Bian L. Suzanne Goodell ,Sarah Burkholder Archana V. Hegde 、 Virginia C. Stage

Abstract: <https://pubmed.ncbi.nlm.nih.gov/33317649/>

Journal of Nutrition Education and Behavior Available online 24 December 2020

Infant Heel Dermal Carotenoids Are Measured Rapidly and Reliably by Portable Reflection Spectroscopy

Nancy Moran, Noor Hason, Jocelyn Chang, Teresia O'Connor

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123076400>

Current Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020,

Determinants and Suitability of Carotenoid Reflection Score as a Measure of Carotenoid Status

Rush Elaine ,Amoah Isaac ,Diep Tung ,Jalili-Moghaddam Shabnam

Abstract; <https://pubmed.ncbi.nlm.nih.gov/31906259/>

Nutrients. 2020 Jan 1;12(1):113

Macular Carotenoids Are Associated with Neural Efficiency in Children

Caitlyn Edwards, Corinne Cannavale, Samantha Iwinski, Isabel R Fleming, Ruyu Liu, Anne Walk, Naiman Khan

Abstract; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7257117/>

Current Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020,

Recipe Sampling at Farmers' Market: Implications on Self-Reported Fruit and Vegetable Intake, Dermal Carotenoid Scores, and Intent to Prepare

Tammy Stephenson, Umaima Afsheen Syeda Morgan Fowler Kendra Oo, Dawn Brewer, Annie Koempel,

Abstract; <https://www.sciencedirect.com/science/article/abs/pii/S1499404620302165>

Journal of Nutrition Education and Behavior Volume 52, Issue 7, Supplement, July 2020, Page S17

Comparison of Skin Carotenoid Content and Dietary Carotenoid Intake

Jessica Keller, Matthew Taylor, Kendra Spaeth, Juleah Littrell, Jeffrey Burns, Debra Sullivan

Abstract; <https://www.sciencedirect.com/science/article/pii/S2475299123076333>

Current Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020,

Early life nutrition and genetic contributors to carotenoid status in children

Liu, Ruyu

Abstract; <https://www.ideals.illinois.edu/items/115959>

University of Illinois at Urbana-Champaign 2020-05-14

Auditory and Visual Working Memory Are Differentially Related to Carotenoid Status in Preadolescent Children

Corinne Cannavale, Caitlyn Edwards, Ruyu Liu, Samantha Iwinski, Anne Walk, Naiman Khan

Abstract; <https://www.sciencedirect.com/science/article/pii/S2475299123076163>

Current Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020, Page 98

Impact of Healthy Meal Kits on Dietary Behaviors of Low-income African Americans

L. Sweeney K. Mialki K. Shelnutt

Abstract; <https://www.sciencedirect.com/science/article/pii/S1499404621002724>

Journal of the Academy of Nutrition and Dietetics vol 120-9 2020

Associations Between Farmers' Market Shopping Behaviors and Objectively-Measured

and Self-Reported Fruit and Vegetable Intake in a Diverse Sample of Farmers' Market Shoppers: A Cross-Sectional Study

CJ Kelley, KL Hanson, GA Marshall, LC Volpe, SJ Pitts

[file:///C:/Users/acala/Downloads/Associations Between Farmers Market Shopping Beha.pdf](file:///C:/Users/acala/Downloads/Associations%20Between%20Farmers%20Market%20Shopping%20Beha.pdf)

2020 - researchsquare.com

Effect of an antioxidant supplement containing high dose lutein and zeaxanthin on macular pigment and skin carotenoid levels

Akira Obana, Yuko Gohto, Risa Nakazawa, Takanobu Moriyama, Werner Gellermann & Paul S. Bernstein

Abstract; <https://pubmed.ncbi.nlm.nih.gov/32581313/>

Scientific Reports volume 10, Article number: 10262 (2020)

Assessing the Relationship Between Nutrition Knowledge and Skin Carotenoids in University Students

Anna Jones, Marcela Radtke, Gwen Chodur, Rachel Scherr

Abstract; <https://www.sciencedirect.com/science/article/pii/S2475299123093319>

Current Developments in Nutrition, Volume 4, Issue Supplement_2, June 2020,

Does a Vegetable-enriched Nothing Else™ Bread Have Benefits to Health?

Amoah, Isaac

Abstract; <https://openrepository.aut.ac.nz/items/afa42a53-d0c0-4fe4-bc3d-6d97fdcdc340>

Auckland University of Technology 2020

Prospective Evaluation of Mango Fruit Intake on Facial Wrinkles and Erythema in Postmenopausal Women: A Randomized Clinical Pilot Study

Vivien W. Fam, Orcl D, Roberta R. Holt, Carl L. Keen, Raja K. Sivamani and Robert M. Hackman

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33158079/>

Nutrients 2020, 12(11), 3381

Improving Consumption and Purchases of Healthier Foods in Retail Environments: A Systematic Review

Allison Karpyn, Kathleen Mc Callops, Henry Wolgast and Karen Glanz

Abstract; <https://pubmed.ncbi.nlm.nih.gov/33081130/>

Int. J. Environ. Res. Public Health 2020, 17(20), 7524

Community Opportunity in New Jersey: The Role of Food Choice, Farm Viability, and

Local Economy in a Sustainable Food Future

Lauren B. Errickson, Ethan D. Schoolman, Virginia Quick, Michelle Jimenez, Michelle Jimenez, Amanda Sie

Abstract; <https://agris.fao.org/agris-search/search.do?recordID=US202100094727>

Journal of Nutrition Education and Behavior VOLUME 52, ISSUE 7, SUPPLEMENT , S16-S17,
JULY 01, 2020

Mountains of Abundance: A Fruit and Vegetable Walking Program in Central Appalachia

Annie Koempel , Dawn Brewer , Gia Mudd-Martin and Tammy Stephenson,

Abstract; <https://pubmed.ncbi.nlm.nih.gov/32973372/>

J Appalach Stud. 2020 Spring; 26(1): 106–127.

Perceptions, Satisfaction, and Experience of Low-Socioeconomic, Rural Patients Who Participated in a Pilot Farm to Clinic (F2C) Program Utilizing Local, Donated Produce

Madeline Tripp, Molly Jacobs & Lauren R. Sastre

Abstract; <https://www.tandfonline.com/doi/abs/10.1080/19320248.2020.1860848>

Journal of Hunger & Environmental Nutrition Published online: 23 Dec 2020

Fruit and Vegetable Purchases and Consumption among WIC Participants after the 2009 WIC Food Package Revision: A Systematic Review

Qi Zhang, Mohammed A Alsuliman, Mia Wright, Youfa Wang, Xinzhe Cheng]

Abstract; <https://pubmed.ncbi.nlm.nih.gov/32452523/>

Advances in Nutrition, Volume 11, Issue 6, November 2020, Pages 1646–1662,

Understanding Farm to Early Care and Education (ECE) Efforts in Colorado

Morgan McCloskey, Hannah Kesterson, Nooreem Mena, Jennifer Dellaport, Laura Bellows

Abstract; [https://www.jneb.org/article/S1499-4046\(20\)30217-7/fulltext](https://www.jneb.org/article/S1499-4046(20)30217-7/fulltext)

Journal of Nutrition Education and Behavior VOLUME 52, ISSUE 7, SUPPLEMENT , S17-S18,
JULY 2020

Criterion-Related Validity of Spectroscopy-Based Skin Carotenoid Measurements as a Proxy for Fruit and Vegetable Intake: A Systematic Review

Radtke Marcela D ,Pitts Stephanie Jilcott ,Jahns Lisa ,Firnhaber Gina C ,Loofbourrow Brittany M ,Zeng

April ,Scherr Rachel E

Abstract; <https://pubmed.ncbi.nlm.nih.gov/32407509/>

Adv Nutr. 2020 Sep 1;11(5):1282-1299.

Creation of an Accountable Care Community to Address Early Childhood Food Insecurity and Malnutrition in Robeson County, NC

Annaliese M. Kern, Martha J. Bock, Kenedy Dawson

https://cdr.lib.unc.edu/concern/masters_papers/sj139736s

University Carolina Digital Repository April, 2020

Skin Carotenoid Measurement: A Biomarker for Dietary Fruit and Vegetable Intake

Debra Sullivan

<https://journals.ku.edu/kjm/issue/download/1447/192#page=30>

KANSAS JOURNAL of MEDICINE Received Feb. 7, 2020; Accepted for publication Feb. 10, 2020; Published online Feb. 26, 2020

[2019]

mHealth Improved Fruit and Vegetable Accessibility and Intake in Young Children

Ashlee Lane Bakirci-Taylor , Debra B Reed , Barent McCool , John A Dawson

Abstract: <https://pubmed.ncbi.nlm.nih.gov/30638880/>

J Nutr Educ Behav. 2019 May;51(5):556-566.

The Effect of an Intervention to Increase Fruit and Vegetable Intake on Skin Carotenoid Scores

Chauncey, Katherine , DeCanio, Brian , Larumbe, Eneko , Debra B.

Abstract:https://journals.lww.com/topicsinclinicalnutrition/Abstract/2019/07000/The_Effect_of_an_Intervention_to_Increase_Fruit.7.aspx

Clinical Nutrition 2019 - Vol. 34 - Issue 3 - p 233-243

Serum carotenoids are strongly associated with dermal carotenoids but not self-reported fruit and vegetable intake among overweight and obese women

Emily H. Morgan, Meredith L. Graham, Grace A. Marshall, Karla L. Hanson & Rebecca A. Seguin-Fowler

Abstract: <https://pubmed.ncbi.nlm.nih.gov/31718657/>

International Journal of Behavioral Nutrition and Physical Activity volume 16, Article number: 104 (2019)

Concurrent validity of skin carotenoid status as a concentration biomarker of

vegetable and fruit intake compared to multiple 24-h recalls and plasma carotenoid concentrations across one year: a cohort study

Lisa Jahns , LuAnn K Johnson , Zach Conrad , Michael Bukowski , Susan K Raatz , Stephanie Jilcott Pitts , Youfa Wang , Igor V Ermakov , Werner Gellermann

Abstract: <https://pubmed.ncbi.nlm.nih.gov/31752882/>

Nutr J. 2019 Nov 21;18(1):78.

Digit Variability in Carotenoid Scores Obtained with the Veggie Meter: A Pilot Study

Velarie Ansu, Stephanie Dickinson, Alyce Fly

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123142958>

Current Developments in Nutrition, Volume 3, Issue Supplement_1, June 2019

Validity of Reflection Spectroscopy as a Biomarker of Vegetable and Fruit Intake in a Yu'pik Alaska Native Population

Courtney Hill, Diane O'Brien, Mallie Paschall, Andrea Bersamin

Abstract: https://academic.oup.com/cdn/article/3/Supplement_1/nzz039.P18-124-19/5518197

Current Developments in Nutrition, Volume 3, Issue Supplement_1, June 2019

Clinical Evaluation of Three Carotenoid Containing Supplements Using Fingertip Reflection Spectroscopy Measurements

Dawna Salter-Venzon, Kevin Gellenbeck, Chun Hu

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123143034>

Current Developments in Nutrition, Volume 3, Issue Supplement_1, June 2019, nzz029.P02-009-19

Who Is Eating Their Veggies?

Elaine Rush , Shabnam Jalili-Moghaddam , Tung Diep and Isaac Amoah

Abstract: <https://www.mdpi.com/2504-3900/37/1/14>

Presented at the 2019 Annual Meeting of the Nutrition Society of New Zealand, Napier, New Zealand, 28–29 November 2019.

Measurement of Fruit and Vegetable Intake Using Skin Carotenoid Measures Among Individuals Receiving Aid from Food Pantries

Heather Valentine, Rebecca Mount, Kathryn Wolff, Lisa Ousley, Emily Worm, Jaehoon Lee, Debra Sullivan, Cheryl Gibson

Abstract: <https://www.sciencedirect.com/science/article/pii/S2475299123159543>

Current Developments in Nutrition, Volume 3, Issue Supplement_1, June 2019,

Salud Para Usted y Su Familia [Health for You and Your Family]: Integration of Research, Education and Extension to Promote Healthier Mexican-Heritage Families

Joseph Sharkey, Renee Umstatt Meyer, Cassandra Johnson, Luz Martinez,

Elva Beltran, Tomas Johanson,

Abstract: <https://www.sciencedirect.com/science/article/abs/pii/S1499404619305603>

Journal of Nutrition Education and Behavior Vol.51 7 Supplement,S11-S12 2019

PROMOTION OF FRUIT AND VEGETABLE INTAKE THROUGH RECIPE CARD DISTRIBUTION AND SAMPLING AT FARMERS' MARKETS THROUGHOUT KENTUCKY

Umaima Sidra Afsheen Syeda

Abstract: https://uknowledge.uky.edu/foodsci_etds/71/

University of Kentucky 2019

Combined spatial frequency spectroscopy analysis with visible resonance Raman for optical biopsy of human brain metastases of lung cancers

Yan Zhou, Cheng-Hui Liu, Yang Pu, Binlin Wu, Thien An Nguyen, Gangge Cheng, Lixin Zhou, Ke Zhu, Jun Chen, Qingbo Li and Robert R. Alfano

Abstract: <https://www.worldscientific.com/doi/10.1142/S179354581950010X>

Journal of Innovative Optical Health Sciences Vol. 12, No. 02, 1950010 (2019)

Preliminary Results From the Multi-Pronged Intervention to Increase Secondary Student Participation in School Lunch

Kristine Madsen, Stephanie Machado Hannah Thompson, Ana Ibarra Castro, Marisa Neelon, Wendi Gosliner, Rorrene Ritchie

Abstract: <https://www.sciencedirect.com/science/article/abs/pii/S1499404619305615>

Journal of Nutrition Education and Behavior Vol.51, Issue 7, Supplement, 2019, Page S12

Access to Healthy Food: A Guide for Delaware Local Governments

Michalowski, Allison; Scott, Marcia

Abstract: <https://udspace.udel.edu/items/10ddef3f-d958-4e0f-9608-4ff83f6f4ae2>

University of Delaware 2019-07

PROMOTION OF FRUIT AND VEGETABLE INTAKE THROUGH RECIPE CARD

DISTRIBUTION AND SAMPLING AT FARMERS' MARKETS THROUGHOUT KENTUCKY

Umaima Sidra Afsheen Syeda

https://uknowledge.uky.edu/foodsci_etds/71/

University of KENTUKY UKnowledge 2019

Skin Carotenoid Index in a large Japanese population sample

Akira Obana, Yuko Gohto, Werner Gellermann, Igor V. Ermakov, Hiroyuki Sasano, Takahiko Seto & Paul S. Bernstein

<https://www.nature.com/articles/s41598-019-45751-6>

Scientific Reports volume 9, Article number: 9318 (2019)

NP6 Preliminary Results From the Multi-Pronged Intervention to Increase Secondary Student Participation in School Lunch (MPI)

Kristine Madsen MPH, MD, Stephanie Machado MPH, Hannah Thompson PhD, MPH, Ana Ibarra Castro BS, Marisa Neelon MS, RD, Wendi Gosliner DPH, RD, Lorrene Ritchie PhD, MS, RD

<https://www.sciencedirect.com/science/article/abs/pii/S1499404619305615>

Journal of Nutrition Education and Behavior Volume 51, Issue 7, Sup, August 2019, Page S12

Healthy Living, Children's Respiratory Health, and Traffic-Related Air Pollution in an Underserved Community

By Li, Wen-Whai ; Jeon, Soyoung ; Hargrove, William

<https://rosap.ntl.bts.gov/view/dot/58528>

United States Department of Transportation National Transportation Library 2019-07-01

[2018]

A non-invasive assessment of skin carotenoid status through reflection spectroscopy is a feasible, reliable and potentially valid measure of fruit and vegetable consumption in a diverse community sample

Stephanie Bell Jilcott Pitts, Lisa Jahns, Qiang Wu, Nancy E Moran, Ronny A Bell, Kimberly P Truesdale and Melissa N Laska

Abstract: <https://pubmed.ncbi.nlm.nih.gov/29455692/>

Public Health Nutr. 2018 Jun;21(9):1664-1670

Association between Spatial Access to Food Outlets, Frequency of Grocery Shopping,

and Objectively-Assessed and Self-Reported Fruit and Vegetable Consumption

McGuirt Jared T ,Jilcott Pitts Stephanie B ,Gustafson Alison

Abstract: <https://pubmed.ncbi.nlm.nih.gov/30551652/>

Nutrients 2018, 10(12), 1974

One-Year Follow-Up Examination of the Impact of the North Carolina Healthy Food Small Retailer Program on Healthy Food Availability, Purchases, and Consumption

Stephanie B. Jilcott Pitts ,Qiang Wu ,Kimberly P. Truesdale ,Lindsey Haynes-Maslow ,Jared T. McGuirt ,Alice Ammerman ,Ronny Bell and Melissa N. Laska

Abstract: <https://pubmed.ncbi.nlm.nih.gov/30487427/>

Int. J. Environ. Res. Public Health 2018, 15(12), 2681

Feasibility of Online Nutrition Education in the Workplace: Working Toward Healthy Lifestyles

Jessica L.Thomson, Melissa H.Goodman,Alicia S.Landry,AnnieDonoghue,AudreyChandler,RachelBilderback

Abstract: <https://pubmed.ncbi.nlm.nih.gov/30064810/>

Journal of Nutrition Education and Behavior Volume 50, Issue 9, October 2018, 868-875

Parenting Practices And Fruit And Vegetable Intake Among Latino Parents And Children 2018

Arellano Roldan

Abstract: <https://conservancy.umn.edu/handle/11299/200160>

Patricia (2018)

Assessment of basal cell carcinoma from normal human skin tissues using Resonance Raman spectroscopy

Cheng-hui Liu, Binlin Wu, Laura Sordillo, Susie Boydston-White, Vidyasagar Sriramoju, Chunyuan Zhang, Hugh Beckman, Lin Zhang, Zhe Pei, Lingyan Shi, and Robert R. Alfano

Abstract: <https://opg.optica.org/abstract.cfm?uri=fio-2018-JTu3A.118>

OSA Technical Digest (Optical Society of America, 2018), paper JTU3A.118

A pilot study for distinguishing basal cell carcinoma from normal human skin tissues using visible resonance Raman spectroscopy

Cheng-hui Liu, Binlin Wu, Laura A. Sordillo, Susie Boydston-White , Vidyasagar Sriramoju , Chunyuan Zhang , Hugh Beckman , Lin Zhang , Zhe Pei , Lingyan Shi , Robert R. Alfano

Abstract: <https://jcmtjournal.com/article/view/2955>

J Cancer Metastasis Treat 2019;5:4.10.20517/2394-4722.2018.55

Optical assessment of skin carotenoid status as a biomarker of vegetable and fruit intake

Igor V. Ermakov , Maia Ermakova a Mohsen Sharifzadeh , Aruna Gorusupudi , Kelliann Farnsworth , Paul S. Bernstein , Jodi Stookey c Jane Evans c Tito Arana , Lisa Tao-Lew c Carly Isman c Anna Clayton , Akira Obana , Leah Whigham , Alisha H. Redelfs , Lisa Jahns , Werner Gellermann

Abstract: <https://pubmed.ncbi.nlm.nih.gov/29601824/>

Arch Biochem Biophys. 2018 May 15;646:46-54.

A non-invasive assessment of skin carotenoid status through reflection spectroscopy is a feasible, reliable and potentially valid measure of fruit and vegetable consumption in a diverse community sample.

Jilcott Pitts Stephanie Bell ,Jahns Lisa ,Wu Qiang ,Moran Nancy E ,Bell Ronny A ,Truesdale Kimberly P ,Laska Melissa N

Abstract: <https://pubmed.ncbi.nlm.nih.gov/29455692/>

Public Health Nutr. 2018 Jun;21(9):1664-1670.

[2017]

Assessment of the Mobile Jump2Health™ Intervention to Increase Fruit and Vegetable Intake in Children Ages 3 – 8

Taylor, Ashlee

<https://ttu-ir.tdl.org/handle/2346/89116>

TEXAS TECH UNIVERSITY Decmber,2017

Evaluation of a Nutrition Education Program Targeting Home-Based Child Care Centers

Urrutia, Cassandra Nicole

<https://www.proquest.com/openview/be3d5c159e1dcacb999045d8695c27df/1?pq-origsite=gscholar&cbl=18750>

The University of Texas at El Paso ProQuest Dissertations Publishing, 2017. 10279446.

Baseline Assessment of a Healthy Corner Store Initiative: Associations between Food

Store Environments, Shopping Patterns, Customer Purchases, and Dietary Intake in Eastern North Carolina

Stephanie B. Jilcott Pitts, Qiang Wu 2, Kimberly P. Truesdale, Melissa N. Laska, Taras Grinchak, Jared T. McGuirt, Lindsey Haynes-Maslow, Ronny A. Bell and Alice S. Ammerman

Abstract: <https://pubmed.ncbi.nlm.nih.gov/28991156/>

Int J Environ Res Public Health. 2017 Oct 7;14(10):1189.

Evaluating the Impact of a High School Garden in El Paso, Texas for Fruit and Vegetable Intake Using a Valid Biomarker

Hopkins, Patrick.

<https://www.proquest.com/openview/8efaadd1efb85e9f2a3a16cfde24d0e/1?pq-origsite=gscholar&cbl=18750>

The University of Texas at El Paso ProQuest Dissertations Publishing, 2017. 10615346.

Evaluating the Impact of School Gardens with Conway Public School Students

Chandler, Audrey Elizabeth.

<https://www.proquest.com/openview/1ab342a4e35083b50fcfd2e9eea265f4/1?pq-origsite=gscholar&cbl=18750>

University of Central Arkansas ProQuest Dissertations Publishing, 2017. 10615941.

Baseline Assessment of a Healthy Corner Store Initiative: Associations between Food Store Environments, Shopping Patterns, Customer Purchases, and Dietary Intake in Eastern North Carolina

Jilcott Pitts Stephanie B, Wu Qiang, Truesdale Kimberly P, Laska Melissa N, Grinchak Taras, McGuirt Jared T, Haynes-Maslow Lindsey, Bell Ronny A, Ammerman Alice S

Abstract: <https://pubmed.ncbi.nlm.nih.gov/28991156/>

<https://thescholarship.ecu.edu/bitstream/handle/10342/9988/WuBaselineAssessmentofaHealthyCornerStoreInitiative.pdf?sequence=1>

Int J Environ Res Public Health. 2017 Oct 7;14(10):1189.

[2016]

Skin Carotenoids as Biomarker for Vegetable and Fruit Intake: Validation of the Reflection-Spectroscopy Based “Veggie Meter”

Igor V Ermakov, Leah D Whigham, Alisha H Redelfs, Lisa Jahns, Jodi Stookey, Paul S Bernstein, Werner Gellermann

https://faseb.onlinelibrary.wiley.com/doi/abs/10.1096/fasebj.30.1_supplement.409.3

Experimental Biology 2016 Meeting Abstracts April 2016 Pages 409.3-409.3