

| Research Project | Type of Project | Research Priority (from Task Force work) | Funder | Estimated Time for Completion | Manuscripts from Project | Presentations | Collaborations |
|-------------------------------|---|---|-----------|--|--|--|----------------|
| Foundation EAC Fellows | Systematic Reviews: Effectiveness of MNT by RDNs in different conditions/ populations | Evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | ANDF | | <p>1) Mohr, Alex E., et al. Effectiveness of MNT in the management of adult dyslipidemia: A systematic Review and meta-analysis. Journal of Clinical Lipidology. (2022).</p> <p>2) Effectiveness of MNT in management of Hypertension - submitted to AJCN.</p> <p>3) Dudzik, Josephine M., et al. "The Effectiveness of Medical Nutrition Therapy Provided by a Dietitian in Adults with Prediabetes: A Systematic Review and Meta-Analysis." The American Journal of Clinical Nutrition (2023).</p> | | |
| Cystic Ribrosis | Scope, SR, EBNPG | Clarify nutrient needs associated with optimal outcomes in special populations AND evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | MNPG/ANDF | COMPLETE Srand guideline published in May 2020 | <p>1) Academy of Nutrition and Dietetics: 2020 Cystic Fibrosis Evidence Analysis Center Evidence-Based Nutrition Practice Guideline. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>2) Effect of CFTR Modulators on Anthropometric Parameters in Individuals with Cystic Fibrosis: An Evidence Analysis Center Systematic Review. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>3) Dietary Macronutrient Distribution and Nutrition Outcomes in Persons with Cystic Fibrosis: An Evidence Analysis Center Systematic Review. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>4) Nutrition Care for Patients with Cystic Fibrosis: An Evidence Analysis Center Scoping Review. Journal of the Academy of Nutrition and Dietetics. 2018</p> | FNCE 2019 session; ASN 2019 poster session | |

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| Nutritional Genomics | Scope, SR, EBNPG | Evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | DIFM/ANDF | COMPLETE Scope and SR completed, Consensus paper submitted | <p>1) Effect of Incorporating Genetic Testing Results into Nutrition Counseling and Care on Dietary Intake: An Evidence Analysis Center Systematic Review - Part I. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>2) Effect of Incorporating Genetic Testing Results into Nutrition Counseling and Care of Health Outcomes: An Evidence Analysis Center Systematic Review - Part II. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>3) Consensus Report of the Academy of Nutrition and Dietetics: Incorporating Genetic Testing into Nutrition Care. Journal of the Academy of Nutrition and Dietetics. 2020.</p> <p>4) Nutritional Genomics in Precision Nutrition: An Evidence Analysis Center Scoping Review. Journal of the Academy of Nutrition and Dietetics. 2018.</p> | FNCE 2019 Session | |
| Malnutrition in Older Adult (UWL update) | Scope, SR, EBNPG | Clarify nutrient needs associated with optimal outcomes in special populations, AND Evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | CDR/DHCC/ANDF/AND | MiOA SRs for assessment and intervention are published on the EAL. The guideline is complete and revised (20+ peer reviewers completed AGREE II). Guideline publication on EAL by December 2023. | <p>1) Moloney L, Jarrett B. Nutrition Assessment and Interventions for the Prevention and Treatment of Malnutrition in Older Adults: An Evidence Analysis Center Scoping Review. J Acad Nutr Diet. 2021;121(10):2108-2140 e2106.</p> <p>2) MiOA Assessment Systematic Review, will be resubmitted to an outside journal; guideline manuscript in progress.</p> | FNCE session presented in 2021 | |

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| Type 1 Diabetes (Pediatric) | Scope, SR, EBNPG | Clarify nutrient needs associated with optimal outcomes in special populations | AND/DCE/ANDF | Scope review, completed 5/30/2020; SR estimated completion Winter '23, and EBNPG Spring '24 | Nutrition Interventions in Pediatric Patients with Type 1 Diabetes: An Evidence Analysis Center Scoping Review . JAND 2021. | FNCE 2023 session | |
| Weight Mgmt | Scope, SR, EBNPG | Advance our understanding of effective strategies for maintaining nutrition-related behavior changes in diverse populations. | AND/WM/ANDF | Scope review, completed 5/30/2020; SR completed Dec '21, EBNPG completed fall '22 | <p>1) Weight Management Interventions for Adults With Overweight or Obesity: An Evidence Analysis Center Scoping Review. JAND 2020.</p> <p>2) Weight Management Interventions Provided by a Dietitian for Adults with Overweight or Obesity: An Evidence Analysis Center Systematic Review and Meta-Analysis.doi: 10.1016/j.jand.2022.03.014</p> <p>3) MNT Interventions provided by Dietitians for Adult Overweight and Obesity Management: An Academy of Nutrition and Dietetics Evidence-based Practice Guideline. doi: 10.1016/j.jand.2022.11.014.</p> <p>4) Position of the Academy of Nutrition and Dietetics: Medical Nutrition Therapy Behavioral Interventions Provided by Dietitians for Adults with Overweight or Obesity.</p> | WMDPG Symposium 2021; FNCE 2022 Session | |

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| Umami | Scope, SR | Clarify nutrient needs associated with optimal outcomes in special populations AND Evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | Anjinomoto/ ANDF | COMPLETE 2021 | Application of Umami Tastants for Sodium Reduction in Food: An Evidence Analysis Center Scoping Review . doi: 10.1016/j.jand.2022.08.002 | | |
| Energy Expenditure | Scoping, systematic reviews, EBNPG | Evaluate the costs and impact of improving and expanding delivery of medical nutrition therapy (MNT) and other nutrition and dietetics services across various medical conditions and identify opportunities that exist for improved MNT delivery. | DNS/ANDF | Scoping review completed ; recruiting for a systematic review panel. | Energy expenditure predictive equation scoping review manuscript in progress. | | |
| Vegetarian diets and health outcomes in adults | Scoping, systematic reviews | Advance our understanding of effective strategies for maintaining nutrition-related behavior changes in diverse populations. | VN DPG/ ANDF | Spring 2024 | In progress. | ASN 2023 poster session; FNCE 2023 poster session | |

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| Flavan-3-ols | public health guidelines | Evaluate strategies to address current diet and health disparities and related chronic disease disparities among low-income and underrepresented persons. | IFANS/ANDF | Completed summer 2022 | Flavan-3-ols and Cardiometabolic Health: FiFlavan-3-ols and Cardiometabolic Health: First Ever Dietary Bioactive Guideline . Advances in Nutrition DOI: 10.1093/advances/nmac105 | FNCE 2022 Session Accepted | |
| NAFLD | Scoping Review | Advance our understanding of effective strategies for maintaining nutrition-related behavior changes in diverse populations. | Brightseed/ ANDF | In progress Summer 2024 | In progress | | |
| Assessing Uptake and Impact of Guidelines for Clinical Practice in Renal Nutrition (AUGmeNt Study) | ANDHII Registry study with two cross-sectional data collection periods; surveys | Evaluate the costs and impact of improving delivery of medical nutrition therapy (MNT) and other dietetic services across various medical conditions and identify opportunities that exist for improved MNT delivery. | Renal DPG/Relypsa /ANDF | RDN recruitment complete. Data collection completed winter 2022 but analysis and dissemination in progress. | Evaluating the Implementation of Evidence-Based Kidney Nutrition Practice Guidelines: The AUGmeNt Study Protocol . Proaño G, Papoutsakis C, Lamers-Johnson E, Moloney L, Bailey M, Abram J, Kelley K, Steiber A, McCabe G, Myaskovsky L, Yakes Jimenez E. doi: 10.1053/j.jrn.2021.09.006 | NKF-SCM 2021 and 2022 Symposia Session; Virtual poster presentation at NAPCRG 2020, Virtual poster presentation at FNCE 2020; FNCE 2021 session with the Council on Research implementation on subcommittee; FNCE 2023 session; | DaVita and Fresenius |

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| | | | | | | article about study design published in the Fall 2021 edition of the Renal Nutrition Forum. | |
| RESTORE | ANDHII Registry Study | Evaluate the costs and impact of improving delivery of medical nutrition therapy (MNT) and other dietetic services across various medical conditions and identify opportunities that exist for improved MNT delivery. | Nestle/ANDF | Data collection completed Spring 2022, analysis and dissemination in progress | Ansu, Velarie, et al. Nutrition care practice patterns for patients with COVID-19—A preliminary report . Journal of Parenteral and Enteral Nutrition (2021). | Accepted for ASPEN 24 session | University of Indiana, Taylor Wallace |
| Gestational Diabetes Mellitus Registry Study | ANDHII Registry study | Advance our understanding of prenatal and neonatal nutritional factors, including parental health behaviors, impacting fetal development and childhood health. | ANDF grant to Dr. Kerri Knippen (BGSU) | Data collection completed spring 2023, analysis and dissemination in progress | | FNCE 2021 Session, "Enhance Your Value and Career with Diabetes Research", Poster presented at FNCE 2023 | Kerri Knippen |

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| Food as Medicine registry study | ANDHII Registry study | Evaluate the costs and impact of improving delivery of MNT and other dietetic services across various medical conditions and identify opportunities that exist for improved MNT delivery. | Bell Institute GMF/ANDF | Summer 2023 | Paper under review in JAND, Oct 2023 | FNCE 2022 and 2023 Session Accepted | ANDF Fellow Allison Yoder |
| Breastfeeding Registry study | ANDHII Registry study | Advance our understanding of prenatal and neonatal nutritional factors, including parental health behaviors impacting fetal development and childhood health. | PNPG/ANDF | Completion estimated Spring 2024 | | | University of North Florida, WIC |

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| The Effects of Complementary Feeding of Eggs on Infant Development and Growth in Guatemala: The Saqmolo' Study | Intervention trial | Clarify nutrient needs associated with optimal outcomes in special populations AND Evaluate best practices for translating, disseminating, and scaling dietetic interventions across community and clinical settings. Explore the role of the microbiome and of microbiome-supporting diets on health and disease prevention across the lifespan. | ENC/ANDF | Fellow selection and IRB approval completed, study materials and operating procedures in progress, data collection in progress. Microbiome substudy IRB approved and recruitment in progress. Egg composition analyses completed and analyzed. Estimated time of completion fall 2023. | Wallace TC, Rohloff P, Yakes Jimenez E, Proaño GV, Montenegro-Bethancourt G, McCabe GP, Steiber AL. The Saqmolo' Project: Rationale and Study Protocol for a Randomized Controlled Trial Examining the Impact of Daily Complementary Feeding of Eggs on Infant Development and Growth in Guatemala . J Acad Nutr Diet. 2022; 122(2): 432-444. | IUNS 2022 session; FNCE 2020 session; protocol poster presented during ASN 2021; poster presented during SLAN 2021; poster on CREDI presented during IDPA (international development pediatric association) conference in 2021; poster presented during FNCE 2023- won award for outstanding poster. | Maya Health Alliance |

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| AAIM (formerly called MCC) Validation and Staffing Optimization Study | Cohort Study with ANDHII, REDCap and Med Review | Validate the clinical characteristics of malnutrition – in all its forms – across adult, child, and neonatal populations. AND Evaluate the costs and impact of improving delivery of medical nutrition therapy (MNT) and other dietetic services across various medical conditions and identify opportunities that exist for improved MNT delivery. | CDR/CNM/ RDPG/ANDF /PNPG | Data collection completed Jan. 2023; data analysis and dissemination activities in progress | <p>1) Yakes Jimenez E, et al. Rationale and protocol for a study to validate the Academy of Nutrition and Dietetics/American Society for Parenteral and Enteral Nutrition consensus-derived diagnostic indicators for adult and pediatric malnutrition and to determine optimal registered dietitian nutritionist staffing in acute care hospital settings. J Acad Nutr Diet. 2022; 122(3): 630-639.</p> <p>2) Lamers-Johnson E et al. Study site region, onboarding timeframe, and R1 university affiliation affect IRB review time in a non-federally funded, multi-site study using an sIRB of record. Ethics Hum Res. 2023; in press.</p> <p>3) Jimenez, Elizabeth Yakes, et al. "Predictive validity of the Academy of Nutrition and Dietetics/American Society for Parenteral and Enteral Nutrition indicators to diagnose malnutrition tool in hospitalized adults: a cohort study." <i>The American Journal of Clinical Nutrition</i> (2024).</p> <p>4) Jimenez, Elizabeth Yakes, et al. "Completion of a Nutrition-Focused Physical Exam with hospitalized adults and pediatric patients: Secondary analysis of a prospective cohort study." <i>Nutrition in Clinical Practice</i> (2024).</p> | <ul style="list-style-type: none"> • "Meet the Fellows" poster at FNCE '18 & '19 • Study-related presentations (AZ affiliate meeting Jun. '19; NAPCRG PBRN Conference Jun. '19) and poster (PN affiliate meeting –Winner – Best Research Methods Award) • FNCE '19 research poster • Poster at UNM's Pediatric Research Forum '20 • ASPEN '20 Virtual Nutrition Science & Practice Conf • Oral pres at the virtual '21 Western Medical Research Conference • Study protocol poster at Nutrition LIVE ASN conference '21 • Session on the pediatric NFPE at FNCE '21 • SmartIRB poster at the '22 Nutrition ASN conference • 2 sessions at FNCE '22 on (1) pediatric AAIM and (2) adult AAIM validation • 2 presentations at the NIH Malnutr in Clinical Settings • Research Gaps & Opportunities Workshop in Sept. '22 on Adult AAIM and pediatric AAIM validation • Presentation on RDN Staffing in the Pediatric Setting at CNM Symposium in Apr. '23 • 2 presentations at ASPEN '23 conference on (1) adult AAIM validation and (2) adult NFPE application | |

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| State of Food and Nutrition Series: Impact of an RDN on HTN, DM, and CKD | CSO. Registry | Evaluate the costs and impact of improving delivery of MNT and other dietetic services across various medical conditions and identify opportunities for improved MNT delivery. | ANDF | 2024 | The Impact of RDNs on Non-Communicable Diseases: Proceedings from The State of Food and Nutrition Series Forum . DOI: https://doi.org/10.1016/j.jand.2021.02.021 | | |
| Sustainability - Marie Spiker (fellow) | Scope, SR | Assess the impact of differing production, processing, and food system practices on food access, dietary quality and other nutritional outcomes. | ANDF | Framework Manuscript accepted for publication, scoping review in progress, est. completion fall '24 | Cultivating Sustainable, Resilient, and Healthy Food and Water Systems: A Nutrition-Focused Framework for Action . JAND. 2020 | FNCE 2019 session | |
| Halal Food and Nutrition Security Study | Survey, Registry | Evaluate strategies to address current diet and health disparities and related chronic disease disparities among low-income and underrepresented persons. | IFANCA/ ANDF | 2 phase project: (1) Student survey, currently in data analysis/ dissemination; (2) Led by Foundation Fellow Nida Shaikh; est. completion Fall '25. | | Preliminary results presented during SNEB 2023. | Anne Mathews (University of Florida) and May Alshahwan (PhD student) |
| BEGIN: Breastmilk ecology | technical support | Clarify nutrient needs associated with optimal outcomes in special populations AND Evaluate best practices for translating, disseminating, and scaling dietetic interventions across community and clinical settings. | Gates Foundation/ ANDF | Summer 2022, Completed | 6 manuscripts accepted for publication in AJCN: https://nutrition.org/just-published-american-journal-of-clinical-nutrition-supplement-the-breastmilk-ecology-genesis-of-infant-nutrition-begin-project/ | ASN 2021, USAID webinar 2022, May 2022 Webinar by the Academy | NICHD |