

## Erin Lynn MacLeod

### Curriculum Vitae

#### PERSONAL DATA

##### Home

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##### Work

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#### EDUCATION

1999-2003 **B.S. in Dietetics:** *University of Connecticut, Storrs, CT.* Coordinated program included all didactic and supervised practice hours for registered dietitian exam.

(2003-2005) (Employed as WIC Nutritionist)

2005-2010 **Ph.D.:** *Nutritional Sciences, University of Wisconsin, Madison, WI.* Dissertation Title: *Nutritional Management of Phenylketonuria.*

#### EMPLOYMENT

2002-2003 **Research Assistant:** *University of Connecticut, School of Allied Health, Storrs, CT.* Conducted home assessments in economically disadvantaged areas and analyzed dietary recalls and inventories for the Family Nutrition Program. Conducted workshops for Head Start Teachers introducing the "Captain 5 A Day" program. Conducted outreach programs to improve participation of the Supplemental Nutrition Assistance Program (SNAP) among the elderly population for the Senior Nutrition Awareness Project.

2003-2005 **WIC Nutritionist:** *Cambridge Health Alliance, Somerville, MA.* Provided nutrition counseling and education to caregivers of children age birth to five years, and prenatal, postpartum and breastfeeding women. Supervised dietetic interns and developed education materials. Maintained continuous quality improvement reports.

2005-2010 **Research Assistant:** *University of Wisconsin-Madison, Department of Nutritional Sciences.* Study design, data collection and analysis as well as manuscript preparation for clinical trials examining the use of glycomacropeptide (GMP) for the nutritional management of Phenylketonuria (PKU). Additional projects include assessment of phenylalanine requirements in adults with PKU, education material development, and data analysis of studies using the PKU mouse model.

2006-2007 **Teaching Assistant:** *University of Wisconsin-Madison, Department of Nutritional Sciences.* Project development, individual tutoring, and occasional lecturing of a 300 level undergraduate nutrition course, "Human Nutritional Needs".

2007-2009 **Nutrition Consultant:** *Birth to Three Connections, Dane County, WI.* Provided individual nutrition assessment and counseling for children with nutrition needs: feeding difficulties, low/high weight gain, selective eating, and multiple food allergies.

2008- 2010 **Associate Clinical Nutritionist:** *University of Wisconsin-Madison, Waisman Center.* Interdisciplinary team member within the Feeding Clinic and Developmental Disabilities Clinic providing nutritional and body composition assessment of children with special health care

needs. Participate in program development and student mentoring for the Wisconsin MCH LEND program.

2010- 2010 **Teaching Assistant:** *University of Wisconsin-Madison, Department of Nutritional Sciences.* Project development, individual tutoring, and occasional lecturing of a 400 level undergraduate nutrition course, “Nutrition in the Life Span”.

2010-Present **Research Nutritionist, Director of Metabolic Nutrition:** *Children’s National Medical Center, Division of Genetics and Metabolism.* Coordination of nutrition program within the Genetics and Metabolism Clinic. Participation in study design, data collection and analysis of clinic research projects involving children with genetic and metabolic disorders.

## **PROFESSIONAL REGISTRATIONS, LICENSES, CERTIFICATIONS**

NPI: 1417374471

2011 Licensed Dietitian; Washington DC License number: D1100000472

2006-2007 Certificate: Wisconsin Maternal Child Health LEND; *University of Wisconsin-Madison, Waisman Center, Madison, WI.* Interdisciplinary leadership training program for graduate students and professionals to improve systems of care for children with neurodevelopmental and related disabilities and their families. Leadership project focus: *Nutritional Approaches for Autism Spectrum Disorders.*

2003 Registered Dietitian; Registration ID number: 926958

## **SOCIETIES AND HONORS**

2023 – Present SERN/GMDI Urea Cycle Disorders Nutrition Management Guideline Development Project

- Co-Chair

2023 – Present ACMG Evidence-Based Guideline (EBG) Workgroup – Urea Cycle Disorders

2022 – Present NCC Medical Genetics Workforce Group

- Chair, Metabolic Dietitian Workforce Small Group

October 2017 Appointment to the National Academies of Sciences, Engineering, and Medicine’s Planning Committee for a Workshop on Examining Special Nutritional Requirements in Disease States. Workshop held April 2018

2015-Present Scientific Advisory Board for National PKU Alliance

2011-Present Society of Inherited Metabolic Disease

- Board Member (2019-Present)
- Conference Planning Committee (2021-Present)

2008-Present Genetics and Metabolic Dietitians, International Member

- Research Committee (2013-2022)
- Communications Committee (2020-2022)
- Conference Planning Committee (2021-2022)
- President Elect (2022 - 2023)
- President (2023- Present)

2001-2012 American Dietetic Association Member

- Research Practice Group (2009-2012)
- ADA Pediatric Practice Group Member (2003-2012)

2005-2011 Wisconsin Dietetics Association Member

2003-2005 Massachusetts Dietetics Association Member

- MDA Fall Convention Committee Volunteer Co-chair (2004)

2001-2003 Connecticut Dietetics Association Member

## Board Memberships

- 2024 – Present flok: Board Member  
2019-Present Society of Inherited Metabolic Disease, Board Member  
2013 – Present Genetics and Metabolic Dietitians, International
- Research Committee Chair (2013-2019)
  - President Elect (2022 - 2023)
  - President (2023- Present)
- 2014 – Present National PKU Alliance: Scientific Advisory Board Member

## ADMINISTRATIVE DUTIES & UNIVERSITY ACTIVITIES

- 2019-Present **Assistant Professor in Pediatrics:** The George Washington University School of Medicine and Health Sciences.  
2017-Present Chair, Advocacy Committee, Rare Disease Institute, Children’s National Health System  
2017-Present Member, Protocol Committee, Rare Disease Institute, Children’s National Health System  
2011-2019 Clinical Instructor in Pediatrics: The George Washington University School of Medicine and Health Sciences.  
2010-Present Director, Metabolic Nutrition, Rare Disease Institute, Children’s National Health System

## EDUCATIONAL ACHIEVEMENTS

### Teaching opportunities

- 2021-Present **Faculty: Children’s National LEND** – Lectures on nutrition and advocacy, mentor for LEND trainee capstone project  
2022 – Present **Faculty: Metabolic University** – Program development and execution of 4 day educational opportunity for new healthcare providers in metabolic disease. Denver, CO  
2020-2022 **Guest Faculty: Metabolic University** - Presentations to new healthcare providers in metabolic disease. Denver, CO  
2019-2021 **Faculty: SIMD NAMA**, North American Metabolic Academy, Chaska, Minnesota  
2019-Present **Guest Lecturer: MEDI507**. Class on Inborn Errors of Metabolism for NIH Genetics Fellows  
2016-Present **Genetic Fellow Preceptor:** short term preceptor for genetic fellows and 2-3 week elective rotations.  
2011- Present **Dietetic Intern Preceptor:** periotic preceptor for specialty rotations for dietetic interns. Rotations range from 2 days to 1 month. 8 students to date.  
2008- 2010 **Teaching Assistant:** *University of Wisconsin-Madison, Department of Nutritional Sciences*. Project development, individual tutoring, and occasional lecturing of a 400 level undergraduate nutrition course, “Nutrition in the Life Span”.  
2008-2010 **Student Mentor:** Wisconsin Maternal Child Health LEND; *University of Wisconsin-Madison, Waisman Center, Madison, WI*.  
2006-2007 **Teaching Assistant:** *University of Wisconsin-Madison, Department of Nutritional Sciences*. Project development, individual tutoring, and occasional lecturing of a 300 level undergraduate nutrition course, “Human Nutritional Needs”.

### Webinars/Online Trainings

- 5/2023 GMDI Webinar: *Emerging Therapies for IEMs, how does a metabolic RD keep up?*  
11/2019 GMDI Webinar: *Dive into research: how to write a grant proposal*. Presented with Dr. Melanie Gillingham  
12/2018 MENTOR, Met Ed Nutrition Training Online Resource, *Urea Cycle Disorders*  
10/2017 GMDI Webinar: *Tips for Preparing Abstracts and Poster Presentations*. Presented with Dr. Melanie Gillingham  
6/2017 electronic Genetic Nutrition Academy (eGNA). Journal Club Presenter for Session 2: *ASL Deficiency*.  
9/2013 MU Webinar Series: *UCD-Background and Advances in Management*. Presented with Dr. Uta Lichter

## **Educational Awards**

Vilas Travel Grant Recipient, Graduate Student Collaborative, University of Wisconsin- Madison 2009-2010  
Margaret Simko Memorial Award, Excellence at a Clinical Poster Session, ADA Foundation-FNCE 2007  
New England Scholar, University of Connecticut, 2003  
Ann Lutate Lupo Memorial Scholarship, University of Connecticut, 2003  
Dean's List, University of Connecticut, 2000-2003

## **CONSULTANT APPOINTMENTS**

Have participated in advisory board discussions and events for: Acer Therapeutics, Ultragenyx Pharmaceutical, Cambrooke Therapeutics, Horizon Therapeutics, Nutricia North America and Vitaflo, USA. Consultant for Vitaflo, USA on HCP materials.

## **GRANTS RESEARCH AND QUALITY IMPROVEMENT PROJECTS**

### **Current Projects**

2021-Present Novel Food Photography Method to Measure Dietary Intake in Patients with UCIDs  
Role: Co-Investigator 8% effort  
Funding Source: NIH (Pilot project through the UCDC)

2012- Present Clinical and Basic Investigations of Methylmalonic Acidemia and Related Disorders  
Role: Co-Investigator 0% effort  
Funding Source: NIH

2011-Present Determination of Resting Metabolic Rate in patients with energy deficiency inborn errors of metabolism during illness and with health.  
Role: Co-Investigator 0% effort  
Funding Source: Departmental

### **Quality Improvement Projects**

2019-Present Improving the care of Glutaric Acidemia (GA1) patients  
2018-Present Quality of Life Improvement in patients with PKU

### **Completed Projects**

2021 PKUDOS-PKU Demographics, Outcomes and Safety Registry PKU Moms Subregistry (Maternal Phenylketonuria Observational Program)  
Role: PI/Study Coordinator 0% effort  
Funding Source: Industry funded (BioMarin)

2020 NAGS deficiency case series  
Role: Site PI

2020 LC-FAOD Triheptanoin Study.  
Role: Study Staff  
Funding Source: Industry funded (Ultragenyx)

2014 HPN-100-009.  
Role: Co-Investigator  
Funding Source: Industry funded (Hyperion Therapeutics, Inc)

2014 Evaluation of efficacy and safety of a new amino acid based medical food for UCD.  
Role: PI/Study Coordinator  
Funding Source: Industry funded (Danone Nutricia)

## **PUBLICATIONS**

### **Journal Articles**

Singh RH, Bourdages M-H, Kurtz A, **MacLoed E**, Norman C, Ratko S, van Calcar SC, Kenneson A. The Efficacy of Carbamylglutamate Impacts the Nutritional Management of Patients with N-Acetylglutamate Synthase Deficiency. *Orphanet Journal of Rare Diseases* (in press)

Rohr F, Burton B, Dee A, Harding CO, Lilienstein J, Lindstrom K, **MacLeod E**, Rose S, Singh R, van Calcar S, Whitehall K. Evaluating change in diet with pegvaliase treatment in adults with phenylketonuria: Analysis of phase 3 clinical trial data. *Mol Genet Met.* 141 (2024) 108122.

Lichter-Konecki U, Caldovic L, Morizono H, Simpson K, Ah Mew N, **MacLeod E**. Ornithine Transcarbamylase Deficiency. 2013 Aug 29 [updated 2022 May 26]. In: Adam MP, Mirzaa GM, Pagon RA, Wallace SE, Bean LJH, Gripp KW, Amemiya A, editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993–2023. PMID: 24006547.

Ekong UD, [...] **MacLeod E**, [...]. Domino liver transplantation: Expanding the liver donor pool to the pediatric recipient. *Liver Transp.* 2022 Dec; 28(12):1947-1950.

Higashimoto T, Whitehead MT, **MacLeod E**, Starin D, Regier DS. Maple syrup urine disease decompensation misdiagnosed as a psychotic event. *Mol Genet Metab Rep.* 2022 Jun 18;32:100886.

Lichter-Konecki U, Caldovic L, Morizono H, Simpson K, Ah Mew N, **MacLeod E**. Ornithine Transcarbamylase Deficiency. In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LJH, Gripp KW, et al., editors. GeneReviews(®). Seattle (WA): University of Washington, Seattle

Cohen AJ, Shur N, Starin D, **MacLeod E**, Roshan Lal T, Leon E, Regier DS. Pediatric medical genetics house ca: Telemedicine for the next generation of patients and providers. *Am J Med Genet Part C.* 2021; 1-9.

**MacLeod E**, Starin D, Ah Mew N, Regier DS. A pandemic will not stop metabolic innovation. *Mol Genet Metab.* 2020 Aug; 130(4):225-226.

Merritt JL, **MacLeod E**, Jurecka A, Hainline B. Clinical manifestations and management of fatty acid oxidation disorders. *Rev Endocr Metab Disord.* 11 July 2020; published online.

Camp KM, [...] **MacLeod EL**, [...] Coates PM. Nutritional Interventions in Primary Mitochondrial Disorders: Developing an Evidence Base. *Mol Genet Metab.* 2016 Nov;119(3):187-206.

**MacLeod EL**, Hall KD, McGuire PJ. Computational modeling to predict nitrogen balance during acute metabolic decompensation in patients with urea cycle disorders. *J Inherit Metab Dis.* 2016 Jan;(39):17-24.

Schreiber J, Chapman KA, Summar ML, Ah Mew N, Sutton VR, **MacLeod E**, Stagni K, Ueda K, Franks J, Island E, Matern D, Peña L, Smith B, Urv T, Venditti C, Chakarapani A, Gropman AL. Neurologic considerations in Propionic acidemia. *Mol Genet Metab.* 2012 Jan;105(1):10-5.

Chapman KA, Gropman A, **MacLeod E**, Stagni K, Summar ML, Ueda K, Ah Mew N, Franks J, Island E, Matern D, Peña L, Smith B, Sutton VR, Urv T, Venditti C, Chakarapani A,. Acute management of propionic acidemia. *Mol Genet Metab.* 2012 Jan;105(1):16-25.

Sutton VR, Chapman KA, Gropman AL, **MacLeod E**, Stagni K, Summar ML, Ueda K, Ah Mew N, Franks J, Island E, Matern D, Peña L, Smith B, Urv T, Venditti C, Chakarapani A. Chronic management and health supervision of individuals with propionic acidemia. *Mol Genet Metab.* 2012 Jan;105(1):26-33.

Peña L, Franks J, Chapman KA, Gropman A, Ah Mew N, Charkrapani A, Island E, **MacLeod E**, Matern D, Smith B, Stagni K, Sutton VR, Ueda K, Urv T, Venditti C, Enns GM, Summar ML. Natural history of propionic acidemia. *Mol Genet Metab.* 2012 Jan;105(1):5-9.

**MacLeod EL**, Clayton MK, van Calcar SC, Ney DM. Breakfast with glycomacropeptide compared with amino acids suppresses plasma ghrelin levels longer in individuals with phenylketonuria. *Mol Genet Metab*. 2010 Aug;100(4):303-8.

**MacLeod EL**, Gleason ST, van Calcar SC, Ney DM. Reassessment of phenylalanine tolerance in adults with phenylketonuria is needed as body mass changes. *Mol Genet Metab*. 2009 Dec;98(4):331-7.

Laclair CE, Ney DM, **MacLeod EL**, Etzel MR. Purification and use of glycomacropeptide for nutritional management of phenylketonuria. *J Food Sci*. 2009 May;74(4):E199-206.

van Calcar SC, **MacLeod EL**, Gleason ST, Etzel MR, Clayton MK, Wolff JA, Ney DM. Improved nutritional management of phenylketonuria by using a diet containing glycomacropeptide compared with amino acids. *Am J Clin Nutr*. 2009 Apr;89(4):1068-77.

Ney DM, Gleason ST, van Calcar SC, **MacLeod EL**, Nelson KL, Etzel MR, Rice GM, Wolff JA. Nutritional management of PKU with glycomacropeptide from cheese whey. *J Inherit Metab Dis*. 2009 Feb;32(1):32-9.

Weinstein JL, Phillips V, **MacLeod E**, Arsenault M, Ferris A. A universal product code scanner is a feasible method of measuring household food inventory and food use patterns in low-income families. *J Am Diet Assoc*. 2006 Mar; 108(3): 443-5.

### **Book Chapters**

**MacLeod E**. Urea Cycle Disorders. In: Nutrition Management of Inherited Metabolic Diseases; 2<sup>nd</sup> Ed. Editors: Bernstein LE, Rohr F, van Calcar S. Springer Publishing

Ah Mew N, **MacLeod E**, Batshaw ML. Inborn Errors of Metabolism. In: Children with Disabilities, 8<sup>th</sup> Ed. Editor: Batshaw ML, Roizen NJ, Pellegrino L. Brooks Publishing Company

**MacLeod EL**, Ney DM. Phenylketonuria and therapeutic approaches. In: Neurochemistry of Metabolic Diseases: Lysosomal Storage Diseases, Phenylketonuria and Canavan disease. Editor: Surendran S. NOVA Science Publishers, Inc. ISBN: 978-1-61209-671-1.

### **Abstracts**

Billington C, **MacLeod E**, Jacobson J, Simpson S, Ah Mew N, Grant C, Berger S. Thiamine responsive MSUD due to splice altering variants: Confounding the genotype phenotype correlation. Poster presentation at *SIMD: 45<sup>th</sup> Annual meeting*. Charlotte, NC.

Burkardt D, **MacLeod E**, Shur N, Tosi L, Regier D. Bone health in isovaleric acidemia. Poster presentation at *SIMD: 45<sup>th</sup> Annual meeting*. Charlotte, NC.

**MacLeod E**, Failla A, Simpson K, Ah Mew N. A ten-year retrospective analysis of urea cycle disorder diagnosis, one center's experience. Poster presentation at *SIMD: 45<sup>th</sup> Annual meeting*. Charlotte, NC.

Burfield JS, **MacLeod E**. Evaluation of UCD Anamix Infant as a nutritionally safe and tolerable option for infants with confirmed UCD. Poster presentation at *GMDI 2024 Educational Conference*. Charlotte, NC.

Viau K, Gaughan S, Kopesky J, Ogata B, Saavedra H, Sowa M, **MacLeod E**. Comparison for metabolic dietitians practicing in North America: Genetic Metabolic Dietitians International 2023 Professional Status Survey. Poster presentation at *GMDI 2024 Educational Conference*. Charlotte, NC.

**MacLeod EL**, Moore R, Gregor A, Sim E, Gillingham MB. Validation of a novel food photography method for dietary assessment in individuals with urea cycle disorders. Poster presentation at *SIMD: 44<sup>th</sup> Annual meeting*. Salt Lake City, UT.

**MacLeod EL**, Bergman K, Rasberry M, Chapman K, Regier D. Development of organ transplant protocol for patients with LCHAD. Poster presentation at *GMDI: 2021 Virtual Conference*.

Starin, D; **MacLeod, E**; Chapman, K. Cobalamin C deficiency: one clinic's experience with diet and growth. Poster presentation at *SSIEM 2019 Annual Symposium*.

**MacLeod E**, Roshan Lal T, Starin D, Shur N, Regier D. Development a comprehensive clinic- the Palynziq Clinic experience in Washington DC. Poster presentation at *Society for Inherited Metabolic Disorders 2019 Annual Meeting*. Seattle, WA.

Roshan Lal T, **MacLeod E**, Starin D, Shur N, Regier D. Adverse reaction management algorithm for PKU patients- the Palynziq Clinic experience in Washington DC. Poster presentation at *Society for Inherited Metabolic Disorders 2019 Annual Meeting*. Seattle, WA.

Peroutka C, **MacLeod E**, Starin D, Berger S, Regier D, Chapman K, Summar M, Ah Mew N. Isovaleric academia: retrospective analysis of the natural history, acute and chronic management of the Children's National patient cohort. Poster presentation at *Society for Inherited Metabolic Disorders 2019 Annual Meeting*. Seattle, WA.

Trinh M-H, Park D, Members of the Urea Cycle Disorders Consortium (UCDC), **MacLeod E**, Ah Mew N. The Effect of Protein Biomarkers on the Growth of Patients with Urea Cycle Disorders. University of Maryland Baltimore County, Undergraduate Research and Creative Achievement Day, Baltimore County, MD. 2018

Billington C, Ferreira C, **MacLeod E**, Ah Mew N, Cusmano-Ozog K. A Tale of Two Variants: Salvadorian founder mutations in DBT cause Classical MSUD. Poster Presentation at 2018 ACMG Annual Clinical Genetics Meeting, Charlotte, NC, 2018.

Grant CL, **MacLeod EL**, Ah Mew N. One in 13 Billion: Care of a Neonate with Two Inborn Errors of Metabolism. Poster Presentation at *ACMG Annual Clinical Genetics Meeting*. Phoenix, AZ. 2017.

Assatourian L, Trinh M, **MacLeod E**, Simpson K, Park D, Members of the Urea Cycle Disorders Consortium, Ah Mew N. Linear growth is reduced in patients with urea cycle disorders, Poster presentation at SSIEM 2016 Annual Symposium. 2016.

**MacLeod EL**, Cusmano-Ozog K, Anderson L, Chapman K, Rasberry M, Leon E, Tanpaiboon P, Lanpher BC, Yazigi N, Ah Mew N. Orthotopic liver transplantation in classical MSUD: A single center experience. Poster presentation at *Society for Inherited Metabolic Disorders 2016 Annual Meeting*. Ponte Vedra, FL; 2016 and *Sixth GMDI Educational Conference*. Scottsdale, AZ; 2016.

Comstock B, Simpson K, **MacLeod E**, Ah Mew N, Summar M, Yazigi N, Chapman K. Long-term economic costs of orthotopic liver transplant versus standard medical therapy for intoxication-type metabolic disorders. Poster presentation at *Society for Inherited Metabolic Disorders 2016 Annual Meeting*. Ponte Vedra, FL; 2016 and *Sixth GMDI Educational Conference*. Scottsdale, AZ; 2016.

**MacLeod EL**, Hall KD, McGuire PJ. Predicting nitrogen balance during acute metabolic decompensation using a computational model of metabolism. Poster presentation at *Society for Inherited Metabolic Disorders 2014 Annual Meeting*. Asilomar, CA; 2014; and *Fifth GMDI Educational Conference*. Grapevine, TX; 2014.

Rasberry M, Evans C, **MacLeod EL**, Yang S, Alshuaibi W, Chapman KA. Resting metabolic rate in individuals with inborn errors of metabolism during illness may not be increased compared to their healthy requirements. Poster presentation at *Society for Inherited Metabolic Disorders 2014 Annual Meeting*. Asilomar, CA; 2014 and *Fifth GMDI Educational Conference*. Grapevine, TX; 2014.

Regier DS, **MacLeod EL**, Greene CL, Barshop BA, Kirmse B. Very long chain acyl-coa dehydrogenase deficiency (VLCADD): Management through puberty. Poster presentation at *2013 12<sup>th</sup> International Congress of Inborn Errors of Metabolism*. Bcelona, Spain; 2013 and *Fifth GMDI Educational Conference*. Grapevine, TX; 2014.

**MacLeod EL**, Cusmano-Ozog K; Dramatic effect of high performance activity on phenylalanine in an adolescent female with phenylketonuria. Poster presentation at *12<sup>th</sup> International Congress of Inborn Errors of Metabolism*. Bcelona, Spain; 2013.

**MacLeod EL**, van Calcar SC, Ney DM. Foods made with glycomacropeptide offer a more acceptable protein source than amino acids for phenylketonuria. Poster presented at *Genetic Metabolic Dietitians International 2010 Conference*. Baltimore, MD, 2010.

**MacLeod EL**, Gleason ST, van Calcar SC, Ney DM. Re-assessment of phenylalanine tolerance in individuals with phenylketonuria. Poster presented at *The Food & Nutrition Conference & Expo*. Philadelphia, PA, 2007. Margaret Simko Memorial Award winner. Poster presented at *Genetic Metabolic Dietitians International 2008 Conference*. Atlanta, GA, 2008. Travel Award winner. Poster presented at *11<sup>th</sup> International Congress of Inborn Errors of Metabolism*. San Diego, CA, 2009.

Arsenault MA, **MacLeod E**, Weinstein JL, Phillips V, Ferris AM, Duffy VD. Reported history of otitis media (OM) in children associates with intake of vegetables and sweets. Poster presented at *XIV International Congress of Dietetics*. Chicago, IL, 2004.

**MacLeod E**, Arsenault MA, Weinstein JL, Phillips V, Ferris AM, Duffy VB. High Intakes of Added Sugar: Relationship to Dietary Quality in Preschool Children of Economic Disadvantage. Poster presented at *Connecticut Dietetic Association Meeting* and *Frontiers in Undergraduate Research*, Storrs, CT, 2003.

## Invited Publications

**MacLeod EL**, Ney DM. Nutritional Management of Phenylketonuria. *Annales Nestlé*. 2010; 68:59-70.

## PRESENTATIONS

### Regional

- 3/2021 Walter Reed GI Lunch and Learn. "Inborn Errors of Metabolism" Bethesda, MD
- 5/2017 FDA: Division of GI and Inborn Error Products Lunch and Learn. Nutritional Management of Inborn Errors of Metabolism" Silver Spring, MD.
- 10/2016 Walter Reed GI Lunch and Learn. "Inborn Errors of Metabolism" Bethesda, MD
- 9/2016 MD Regional WIC Meeting, "Inborn Errors of Metabolism" Rockville, MD
- 6/ 2010 School Nutrition Association of Wisconsin, 2010 Conference: "Autism and Sensory Disorders" La Crosse, WI.
- 10/2008 Madison District Dietetic Association, 2008 Fall Workshop: "Dietary Theories and Practices for Sensory Disorders" Madison, WI.
- 5/2008 Ryan's PKU Foundation of Virginia, Walk-a-thon: "The Possibilities of Glycomacropeptide (GMP) & PKU Diet Management" Richmond, VA.
- 2/2008 PKU and Allied Disorders of Wisconsin, Winter Splash Conference: Keynote Speaker "GMP and the Future of Low Protein Diets" Sheboygan, WI.



## **National**

- April 2024 *GMDI 2024 Educational Conference*. Charlotte, NC. Anabolism for All: Thinking Beyond the Acute Setting. Co-Presenter
- April 2024 *GMDI 2024 Educational Conference*. Charlotte, NC. Exploring Compensation and Workforce Trends: Insights from the GMDI Salary Survey and NCC Genetics Workforce Survey. Co-Presenter
- March 2023 *44<sup>th</sup> SIMD Annual Meeting*. Salt Lake City, UT. Prenatal Diagnosis and Treatment: the pregnant patient. Moderator and Nutritional Management of Metabolic Pregnancies: a Four “Trimester” Model. Presenter
- May 2023 *Abbott 19<sup>th</sup> Metabolic Conference 2023*. San Antonio, TX. Photography vs Food Records Validated by Doubly Labeled Water.
- May 2022 *Genetic Metabolic Dietitians International 2022 Conference*. Henderson, NV. MSUD Through the Life Stages: Patient Perspectives and Panel Discussion.
- May 2022 *Genetic Metabolic Dietitians International 2022 Conference*. Henderson, NV. Measuring Dietary Intake with Food Photography. Workshop. Presented with Gillingham, M.
- April 2022 *43<sup>th</sup> SIMD Annual Meeting*. Orlando, FL. The OTC Example: What biochemical measures should lead to dietary changes?
- April 2021 *Genetic Metabolic Dietitians International 2021 Virtual Conference* Urea Cycle Disorders Overview.
- March 2020 *Vitaflo Metabolic RD Summit – San Diego*, Nutritional Management of Urea Cycle Disorders.
- October 2019 *Vitaflo Metabolic RD Summit – Orlando*, Nutritional Management of Urea Cycle Disorders.
- April 2018 *Genetic Metabolic Dietitians International 2018 Conference*. Orlando, FL. MacLeod EL (Trinh M, Park D, Members of the UCDC, Ah Mew N). The effect of protein biomarkers on the growth of patients with urea cycle disorders.
- May 2017 5<sup>th</sup> Annual Metabolic RD Summit: MMA/PA New Dietary Guidelines. May 2017. Riley Children’s Health, Indianapolis IN.
- April 2012 Society for Inherited Metabolic Disorders 2012 Annual Meeting: “Nutritional Management of OA” Charlotte, NC.
- April 2010 *Genetic Metabolic Dietitians International 2010 Conference*. Baltimore, MD. **MacLeod EL** (Clayton MK, van Calcar SC, Ney DM) Breakfast with glycomacropptide compared with amino acids suppresses plasma ghrelin levels longer in individuals with phenylketonuria.

## **International**

- June 2023 *Global Nutricia Metabolics Expert Day*. Utrecht, Netherlands. Safety & Efficacy of GMP
- October 2022 *International conference on ureagenesis defects and allied conditions 2022*. Novel models and treatment options. “Validation of a novel food photography method for dietary assessment in individuals with urea cycle disorders” Valencia, Spain; October 2022.
- May 2019 *SLEIMPN XI*, Buenos Aires. “Nutritional Management in Patients with Urea Cycle Disorders” and “Glycomacropptide (GMP) in the management of PKU”
- May 2018 *Orfadin Launch in Argentina*. “Nutritional Management of Tyrosinemia Type 1”.
- November 2016 *Argentinean Society of Pediatrics and the Argentinean Society of Hepatology*. “Nutritional Management of Urea Cycle Disorders”.
- September 2016 *Society for the Study of Inborn Errors of Metabolism 2016 Annual Symposium*: “Mathematical Modeling: what it means for diet”, Rome, Italy; September 2016.
- January 2011 *Annual Review of PKU Newborn Screen*: “Nutritional Management of Phenylketonuria” XishuangBanna Province, China January 2011.

## **SERVICE TO COMMUNITY**

Camp Huber. PKU Family Camp, Maryland PKU Alliance. 2011, 2013, 2015, 2017-present Unpaid.