Kirk W. Kerr

Curriculum Vitae

**Contact information**

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**Professional Experience**

Senior Manager Health Economics, Abbott Nutrition, 2019 - present

Operations Research Analyst, Food and Drug Administration, 2017-2019

Economist, Food and Drug Administration, 2012-2017

Senior Economist, ARPC, Inc, 2010-2011

Economist, The CapAnalysis Group, 2008-2010

**Education**

Ph.D., Economics, Ohio State University, June 2008

M.A., Economics, Ohio State University, December 2003

M.A., Economics, University of Missouri, May 2003

B.S., Magna cum Laude, Economics, University of Missouri, May 2001

**Publications**

1. I Cornejo-Pareja, **KW Kerr**, M Ramirez, M Camprubi-Robles, IM Vegas-Aguilar, R Fernandez-Jimenez, M Amaya-Campos, A Martinez-Martinez, J Martinez-Martin, JM Garcia-Almeida. “Healthcare resource utilization during a multimodal nutritional program with oral nutritional supplements in malnourished outpatients”. *Nutrients*, 2025. 17(17):2854.
2. M Trenell, M Camprubi-Robles, L Taylor, N Northway, **KW Kerr**, C Lumsden, L Avery, D Faluyi, R Rueda, and S Sulo “A pathway to type 2 diabetes remission: weight reduction and blook glucose improvements are facilitated by a low-calorie diet including diabetes-specific nutritional formula and the use of digitally-enabled reinforcement.” *Clinical Diabetes*, *Forthcoming*
3. B Schwander, **KW Kerr**, DR Williams, S Sulo, and WS Butsch*.* “Consequences of weight cycling in patients with obesity and the potential impact of high protein diet: a health economic assessment from a US societal perspective*.” BMJ Open*. 2025; 15: e101058.
4. WS Butsch, S Sulo, AT Chang, JA Kim, **KW Kerr**, DR Williams, R Hegazi, T Panchalingam, S Goates, SB Heymsfield. “Nutritional deficiencies and muscle loss in adults with type 2 diabetes using GLP-1 receptor agonists: A retrospective observational study.” *Obesity Pillars*. 2025 Sept; 15:100186.
5. H Shi, X Wang, W Kang, Z Liu, Y Tang, C Zhu, **KW Kerr**, S Sulo, Q Zhu, Z Tang, Z Liu, C Zhuang, T Xie. “Malnourished, gastrointestinal cancer patients undergoing surgery: burden of nutritional risk, use of oral nutritional supplements, and impact on health outcomes.” *Asia Pac J Clin Nutr*. 2025 Jun;34(3):325-331.
6. S Wang, J Shafrin, **KW Kerr**, and P Schuetz. “Health economic value of post-acute oral nutritional supplementation in older adult medical patients at risk for malnutrition: a US-based modelling approach.”  *BMJ Open.* 2024 Nov 17;14(11):e086787.
7. P Schuetz, **KW Kerr**, E Cereda, and S Sulo. “Impact of nutrition interventions for malnourished patients: Introduction to health economics and outcomes research with findings from nutrition care studies.” *Nutr Clin Pract*. 2024 Dec; 39(6):1329-1342.
8. MB Arensberg, BE Phillips, and **KW Kerr**. “Nutrition for healing acute wounds: current practice, recent research findings, and insights for improving care.” *Recent Progress in Nutrition*. 2024; 4(3):014.
9. MB Arensberg, J Gahche, R Clapes-Pemau, **KW Kerr**, and JT Dwyer. “Quality-of-life instruments and Nutrition Screening Tools: Overlaps, Opportunities, and Implications for Healthy Aging in the United States.” *Nutrition Today. 5/6 2024;*[59(3):86-99.](https://journals.lww.com/nutritiontodayonline/toc/2024/05000)
10. R Clapes Pemau, P Gonzalez-Palacios, and **KW Kerr**. “How quality of life is measured in studies of nutritional intervention: a systematic review.” *Health and Quality of Life Outcomes*. 2024 Jan 24; 22(1):9.
11. MB Arensberg, J Gahche, R Clapes, J Merkel, **KW Kerr**, and JT Dwyer. “Quality of life and nutrition screening: overlaps, opportunities, and implications for healthy aging.” *Innov Aging*. 2023 Dec 21;7(Suppl 1):1103–1104
12. J Shafrin, K-S Than, A Kanotra, **KW Kerr**, KN Robinson, and MC Willey. “Use of Conditionally Essential Amino Acids and the Economic Burden of Postoperative Complications After Fracture Fixation: Results from a Cost Utility Analysis” *Clinicoeconomics and Outcomes Research*. 2023 Oct 25:15:753-764.
13. J Shafrin, S Wang, and **KW Kerr**. “Wound-specific oral nutritional supplementation can reduce the economic burden of pressure injuries for nursing homes: Results from an economic model.” *Journal of Long-Term Care*. 2023:166-177.
14. S Al Sifri, R Aldahash, DA de Luis Roman, A Amin, M Camprubi-Robles, **KW Kerr**, A Juusti-Hawkes, and A Beresniak. “Optimizing diabetes management using a low-calorie diet in Saudi Arabia: A Cost-Benefit Analysis.” *Diabetes Therapy*. 2024 Jan; 15(1):155-164.
15. J Khlevner, K Naranjo, C Hoyer, AS Carullo, **KW Kerr**, and B Marriage. “Healthcare burden associated with malnutrition diagnoses in hospitalized children with critical illnesses” *Nutrients.* 2023 Jul 1; 15(13):3011.
16. KL Haines, T Ohnuma, B Grisel, V Krishnamoorthy, K Raghunathan, S Sulo, **KW Kerr**, B Besecker, BA Cassady, and PE Wischmeyer. “Early enteral nutrition is associated with improved outcomes in critically ill mechanically ventilated medical and surgical patients.” *Clinical Nutrition ESPEN*. 2023 Oct: 57:311-317.
17. MB Arensberg, J Gahche, R Clapes, **KW Kerr**, J Merkel, and JT Dwyer. “Research is still limited on nutrition and quality of life among older adults.” *Frontiers in Medicine*, 2023 Sept 12:10:1225689.
18. A Cochran, BA Cassady, **KW Kerr**, Z Milas, S Riggs, DA Ianitti, and D Vrochides. “Impact of nutritional compliance within ERAS protocols for hepatopancreatobiliary, radical cystectomy, and head and neck procedures: A case-matched analysis adjusted for major complications.” *Clinical Nutrition ESPEN*. 2023 Jun:55:109-115.

1. EJ Reverri, MB Arensberg, RB Murray, **KW Kerr**, and KL Wulf. “Young Child Nutrition: Knowledge and Surveillance Gaps across the Spectrum of Feeding.” *Nutrients*. 2022 Jul 28; 14(15):3093.
2. M Perugini, TJ Johnson, TM Beume, OM Dong, J Guerino, H Hu, **KW Kerr**, S Kindilien, N Nuijten, TU Ofili, M Taylor, A Wong, and K Freijer. “Are We Ready for a New Approach to Comparing Coverage and Reimbursement Policies for Medical Nutrition in Key Markets: An ISPOR Special Interest Group Report.” *Value in Health*. 2022 May; 25(5):677-684.
3. K Haines, V Parker, T Ohnuma, V Krishnamoorthy, K Raghunathan, S Sulo, **KW Kerr**, BY Besecker, BA Cassady, and PE Wischmeyer. “Role of Early Enteral Nutrition in Mechanically Ventilated COVID-19 Patients.” *Critical Care Explorations*. 2022 Apr 18; 4(4):e0683.
4. R Clark, A Stampas, **KW Kerr**, JL Nelson, S Sulo, L Leon-Novelo, E Ngan, and D Pandya. “Evaluating the impact of using a wound-specific oral nutritional supplement to support wound healing in a rehabilitation setting.” *Int Wound J*. 2023 Jan; 20(1):145-154.
5. MB Arensberg, K Saal-Ridpath, **KW Kerr**, and W Phillips. “Opportunities to Improve Quality Outcomes: Integrating Nutrition Care into Medicare Advantage to Address Malnutrition and Support Social Determinants of Health.” *Inquiry*. 2022 Jan-Des; 59:469580221081431.
6. **KW Kerr**, C Brunton and MB Arensberg. “Outcomes and Treatment Costs of Skilled Nursing Facility Patients with Pressure Injuries.” *Innovation in Aging*. 2021; 5(Suppl 1):1012-1013.
7. S Anghel, **KW Kerr**, AF Valladares, KM Kilgore, and S Sulo “Identifying patients with malnutrition and improving use of nutrition interventions: A quality study in four US hospitals.” *Nutrition*. 2021 Nov-Dec; 91092: 111360.
8. J Wills-Gallagher, **KW Kerr**, B Macintosh, AF Valladares, KM Kilgore, and S Sulo. “Implementation of malnutrition quality improvement reveals opportunities for better nutrition care delivery for hospitalized patients.” *JPEN J of Parenter Enteral Nutr*. 2022 Jan;46(1):243-248.
9. RD Murray, **KW Kerr**, C Brunton, JA Williams, T DeWitt, and KL Wulf. “A First Step Towards Eliminating Malnutrition: A Proposal for Universal Nutrition Screening in Pediatric Practice.” *Nutrition and Dietary Supplements.* 2021 Feb 5; 2021(13):17-24.
10. K Hong, S Sulo, W Wang, S Kim, L Huettner, R Taroyan, **KW Kerr**, and C Kaloostian. “Nutrition Care for Poorly Nourished Outpatients Reduces Resource Use and Lowers Costs.” *J Prim Care Community Health*. 2021 Jan-Dec; 12:21501327211017014.
11. J Richards, MB Arensberg, S Thomas, **KW Kerr**, R Hegazi, and M Bastasch. “Impact of Early Incorporation of Nutrition Interventions as a Component of Cancer Therapy in Adults: A Review.” *Nutrients*. 2022 Nov 5;12(11):3403.
12. AF Valladares, KM Kilgore, J Partridge, S Sulo, **KW Kerr**, and S McCauley. “How a malnutrition quality improvement initiative furthers malnutrition measurement and care: Results from a hospital learning collaborative.” *JPEN* *J Parenter Enteral Nutr*. 2021 Feb; 45(2):366-371.
13. MB Arensberg, J Richards, J Benjamin, **KW Kerr**, and R Hegazi. “Opportunities for Quality Improvement Programs (QIPs) in the Nutrition Support of Patients with Cancer.” *Healthcare (Basel)*. 2022 Jul 24; 8(2):227.
14. FR Colangelo, E Moukamal, **KW Kerr**, and S Sulo. “Healthcare providers experience and satisfaction with outpatient nutrition-focused quality improvement initiatives.” *Quality in Primary Care* (2019) 27(4): 43-45.
15. **KW Kerr** and LJ Glos. “Effective Market Exclusivity of New Molecular Entities for Rare and Non-rare Diseases.” *Pharmaceut Medicine.* 2020 Feb;34(1):19-29.
16. ML Lanthier, **KW Kerr**, and Kathleen L. Miller “Analysis of follow-on development in new drug classes, January 1986 – June 2018.” *Clin Pharmacol Ther*. 2019 Nov; 106(5):1125-1132.
17. KL Miller, D Rabinovitz, and **KW Kerr.** “Transition probabilities for clinical trials: investigating individual diseases.” *Nature Reviews Drug Discovery.* 2019 Sep; 18(9): 658.
18. **KW Kerr**, TC Henry, and KL Miller. “Is the priority review voucher program stimulating new drug development for tropical diseases?” *PLOS Neglected Tropical Diseases*, 2018 Aug 9; 12(8).
19. **KW Kerr** and ME Wosinska “Patient Access in Restrictive Risk Management Programs: The Case of iPledge.” *Therapeutic Science and Regulatory Innovations*, 2017 Jan; 51(1): 16-23.

**Conference presentations and published abstracts**

1. B Schwander, **KW Kerr**, DR Williams, S Sulo, and WS Butsch. “Health economic assessment of high-protein diet using high-protein ONS for weight maintenance following weight loss using GLP-1RAs.” Value in health. 2025 July. 38(6): S112.
2. T Panchalingam, A Chang, **KW Kerr**, DR Williams, S Sulo, R Hegazi, S Heymsfield, S Goates. “Application of Prevalent New-User Cohort Designs to a Claims Data Study of Incidence of Nutritional Deficiency in People with Diabetes Using GLP-1 Receptor Agonists.” Value in Health. 2025, July. 28(6): S171-S172.
3. KS Than, K Sharma, **KW Kerr**, and J Shafrin. “Quantifying the Lifetime Economic Impact of Pediatric Oral Nutritional Supplements in Lower-Middle Income Countries in Asia” *Value in Health*. 2025 June. 27(6): S67 - S68
4. WS Butsch, S Sulo, AT Chang, JA Kim, **KW Kerr**, DR Williams, R Hegazi, and SB Heymsfield. “Diagnosed Nutritional Deficiencies Among Patients with Type 2 Diabetes on GLP-1 Receptor Agonists.” *Obesity*. 2024 Nov. 23(S1): p1-308.
5. WS Butsch, **KW Kerr**, AT Chang, JA Kim, S Sulo, DR Williams, R Hegazi, and S Heymsfield . “Dietitian Utilization and Incidence of Diagnosed Nutritional Deficiencies in GLP-1 Agonists Patients.” *Obesity*. 2024 Nov. 23(S1): p1-308
6. A Desai, OM Dong, S Gautier, T Johnson, A Wong, AMY Osman, J Harvey, HT Tran, D Holladay Ford, **KW Kerr**, A Aggarwal, and J Mauskopf. “A Systematic Review of Health Economic Evaluations of Oral Nutritional Supplements as a Single-Component or Multi-Component Intervention in Older Adults with or at Risk of Malnutrition.” Value in Health. 2024 Dec. 27(12):S120.
7. M Trennell, LC Taylor, **KW Kerr**, R Rueda, and S Sulo. “Real-World Impact of a Remote, Digitally Enabled Lifestyle Program with Diabetes-Specific Formula as Part of Low-Calorie Diet among People with Obesity and Type 2 Diabetes—The RESET Study.” *Diabetes*. 14 June 2024; 73 (Supplement\_1): 1836.
8. B Schwander and **KW Kerr**. “Health burden of weight cycling.” Poster presented at the Academy of Nutrition and Dietetics Foundation Nutrition Science Forum, Bethesda, MD, April 2024
9. IM Cornejo-Pareja, **KW Kerr**, M Ramirez, M Camprubi-Robles, IM Vegas-Aguilar, and JM Garcia-Almeida. “Healthcare resource utilization by malnourished outpatients declines following intervention with oral nutrition supplements.” *Clinical Nutrition ESPEN*. 2023 Dec; 58:P634.
10. IM Cornejo-Pareja, **KW Kerr**, M Ramirez, M Camprubi-Robles, IM Vegas-Aguilar, and JM Garcia-Almeida. “Intervention with oral nutrition supplements with β-hydroxy-β-methyl butyrate and vitamin D and malnourished oncology outpatients associated with reduced healthcare resource utilization and costs.” *Clinical Nutrition ESPEN*. 2023 Dec; 58:P441.
11. R Clapes-Pemau, P Gonzalez-Palacios, and **KW Kerr.** “Quality of Life Measurement in Nutrition Intervention Studies: A Systematic Review.” *Clin Nutr ESPEN*. 2023;58: p734.
12. B Cassady, **K Kerr**, Q Yao, A Uribe, J McKeown, A Gonzalez-Zacarias, J Fiorda-Diaz, M Echeverria-Villalobos, and M Lyaker. “Early provision of immune-modulating enteral nutrition in the surgical ICU is associated with reduced length of stay” *JPEN* J Parenter Enteral Nutr. 2023 April. 47(S2): S71-S246.
13. K Haines, T Ohnuma, V Krishnamoorthy, K Raghunathan, S Sulo, **K Kerr**, B Besecker, B Cassady, and P Wischmeyer. “Early Enteral Nutrition Improves Discharge Disposition in Critically Ill Mechanically Ventilated Patients.” *JPEN* *J Parenter Enteral Nutr*. 2023 April. 47(2): S5-S58.
14. J Shafrin, KS Than, A. Kanotra, **K Kerr**, K Robinson, and M Willey. “Conditionally Essential Amino Acids Can Reduce the Economic Burden of Postoperative Complications after Fracture Fixation: Results from an Economic Model.” *Value in Health*. 2023. 26:6 Supplement; S147.
15. C Badaracco, M Bruno, **K Kerr** et al “Trends in Hospital Malnutrition Quality Measure Performance” Abstract presented at the National Institutes of Health Office of Nutrition Research “Malnutrition in Clinical Settings: Research Gaps and Opportunities” workshop, September 2022.
16. M Bruno, **K Kerr**, C Badaracco, T Musser, and KM Kilgore. “Malnutrition Quality Improvement Initiative Data Support Continued Opportunities in Malnutrition Care” *J Acad Nutr Diet*. 2022 Oct; 122:10 supplement; S34-S39.
17. K Barr and **KW Kerr**. “Identifying Pressure Injury Risk Factors in Long-Term Care Facilities.” *Eur Geriatr Med*. 2022 Dec 5; 13(Suppl 1):1-439.
18. C Brunton and **K Kerr**. “Budget Impact Analysis of Perioperative Nutrition in Surgical Oncology Patients.” *Value in Health*. 2022 Dec; 25:12 supplement; S148-S149.
19. **K Kerr**, RK Clark, A Stampas, J Nelson, S Sulo, and D Pandya. “Assessing the Impact of Specialized Oral Nutrition Supplementation Use on Wound Healing.” *Archives of Physical Medicine and Rehabilitation*. 2022 March; 103(3):e36.
20. C Hoyer-Haro, J Khlevner, **KW Kerr**, S Sulo, B Marriage, K Naranjo. “Malnutrition Diagnoses and Burden among Pediatric Critically Ill Patients: Results from an Academic Medical Center.” *Pediatrics*. Feb 2022. 149 (1 Meeting Abstracts):410.
21. K Haines, C Trujillo, T Ohnuma, V Krishnamoorthy, K Raghunathan, S Sulo, **K Kerr**, B Besecker, B Cassady, and P Wischmeyer. “Early Enteral Nutrition Improves Outcomes in Critically Ill Mechanically Ventilated Patients.” Presented at IARS/SOCCA 2022 Annual Meetings. March 18-20, 2022.
22. **K Kerr**, S Sulo, C Brunton, C Kaloostian, and K Hong. “Budget Impact Analysis of Outpatient Nutrition Program for Adults at Nutrition Risk” *Value in Health*. 2022 July; 25(7):S363.
23. **KW Kerr**, R Clark, A Stampas, JL Nelson, S Sulo, and D Pandya. “Specialized Nutrition Supplementation Promotes Wound Healing in Patients Undergoing Physical Rehabilitation.” Abstract from Symposium on Advanced Wound Care (SAWC), Las Vegas, NV, October 2021.
24. A Cochran, BA Cassady, **K Kerr**, et al. “Impact of ERAS® protocols and early nutrition provision on length of stay and compliance among surgery patients: An evaluation of a multidisciplinary ERAS® institution.” 4th Annual Congress ERAS USA, New Orleans, LA, November 2021.
25. N Keleekai-Brapoh, **K Kerr**, F Altino-Pierre, BA Cassady, et al. “Implementation of an ERAS® Program Significantly Reduces Postoperative Opioid Utilization, Nausea, and Vomiting in Colorectal Surgery Patients.” 4th Annual Congress ERAS USA, New Orleans, LA, November 2021.
26. **KW Kerr**, C Brunton, S Sharp, and BA Cassady. “A Cost-Consequence Model of Surgical Nutrition for Total Knee Arthroplasty” *Value in Health*. 2021 June; 24:S225.
27. **K Kerr**, C Brunton, and MB Arensberg. “Outcomes and Treatment Costs of Skilled Nursing Facility Patients with Pressure Injuries and Malnutrition.” *Innov Aging*. 2021; 5(Suppl1):1012-1013.
28. **K Kerr**, A Valladares, K Kilgore, MB Arensberg, and S Sulo. “Utilization of Nutrition Interventions in Malnourished Hospitalized Patients: Similarities and Differences in Care.” *J Acad Nutr Diet*. 2020 Sept; 120(9) supplement: A33.
29. **K Kerr**, A Valladares, K Kilgore, S Sulo, S McCauley, and J Partridge. “Improving Nutrition Care Processes and 30-day Readmissions Through Malnutrition Quality Improvement Initiatives.” *J Acad Nutr Diet*. 2020 Sept; 120:9 supplement; A25.

**White Papers, perspectives, and blog posts**

1. S Fleming, MB Arensberg, **KW Kerr**, and R Blancato. “The opportunity for quality malnutrition care to improve rural health outcomes and health equity for older americans.” OBM Geriatrics. 2023 March. 7(1)1-16.
2. **KW Kerr**. “Taking the next step forward: Insights and opportunities for improving care of chronic nonhealing wounds in older adult communities to better support health aging, nutrition and quality of care outcomes.” ICAA White Paper, Jan 12, 2022

**Guidance and other professional documents citing research**

1. ASPEN Practice Tool. “Oral Nutrition Supplements: A Practice Tool for Clinicians.” (https://nutritioncare.org/wp-content/uploads/2025/07/MAW-ONS-Practice-Tool-Clinician.pdf)
2. ESPEN Fact Sheet. “Cost-Effectiveness of Medical Nutritional Therapy.” (https://www.espen.org/images/files/ESPEN-Fact-Sheets/ESPEN-Fact-Sheet-Cost-Effectiveness.pdf)

**Professional Service**

President-Elect, ISPOR Nutrition Economics Special Interest Group, July 2023-July 2024

President, ISPOR Nutrition Economics Community of Interest, July 2024-July 2025

Reviewer/Referee: Value in Health; Therapeutic Innovation and Regulatory Science; Diabetes, Obesity, and Metabolism