



**Caring for Complex Chronic Conditions**

Research Center

## C4 Center Newsletter

*Summer 2022*

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### Member Publications

Each issue of the newsletter will highlight recently published chronic condition research by C4 Center members. If you have recently published a paper related to chronic condition care that you would like us to share, please send it to us at [complexcaring@pitt.edu](mailto:complexcaring@pitt.edu).

- Ernecoff NC, Bell LF, Arnold RM, Shea CM, Switzer GE, **Jhamb M**, Schell JO, Kavalieratos D. [Clinicians' Perceptions of Collaborative Palliative Care Delivery in Chronic Kidney Disease](#). Journal of Pain and Symptom Management. 2022 Aug;64(2):168-177.
- **Essien UR**, Tang Y, Figueroa JF, Litam TM, Tang F, Jones PG, Patel R, Wadhera RK, Desai NR, Mehta SN, Kosiborod MN. [Diabetes Care Among Older Adults Enrolled in Medicare Advantage Versus Traditional Medicare Fee-For-Service Plans: The Diabetes Collaborative Registry](#). Diabetes Care. 2022 Jul;45(7):1549-1557.
- Hill-Briggs F, Ephraim PL, Vransy EA, Davidson KW, Pekmezaris R, Salas-Lopez D, Alfano CM, **Gary-Webb TL**. [Social Determinants of Health, Race, and Diabetes Population Health Improvement: Black/African Americans as a Population Exemplar](#). Current Diabetes Reports. 2022 Mar 3;22:117-128.
- **Hutchins F**, El Khoudary SR, Catov J, Krafty R, Colvin A, Barinas-Mitchell E, Brooks MM. [Excessive Gestational Weight Gain and Long-Term Maternal Cardiovascular Risk Profile: The Study of Women's Health Across the Nation](#). Journal of Women's Health. 2022 Apr 18.

- **Johnson AE**, Swabe GM, Addison D, **Essien UR**, Breathett K, Brewer LC, Mazimba S, Mohammed SF, **Magnani JW**. [Relation of Household Income to Access and Adherence to Combination Sacubitril/Valsartan in Heart Failure: A Retrospective Analysis of Commercially Insured Patients](#). *Circulation: Cardiovascular Quality and Outcomes*. 2022 May 5;15(7):e009179.
- **Jonassaint CR**, Lukombo I, Feldman R, Driscoll J, Eack SM, Abebe KZ, De Castro L. [Differences in the Prevalence of Mental Health Disorders Among Black American Adults with Sickle Cell Disease Compared to those with Non-Heritable Medical Conditions or No Medical Conditions](#). *British Journal of Haematology*. 2022 Feb;196(4):1059-1068.
- Lent MR, Atwood M, Bennett WL, Woolf TB, Martin L, Zhao D, Goheer AA, Song S, **McTigue KM**, Lehmann HP, Holzhauser K. [Night Eating, Weight, and Health Behaviors in Adults Participating in the Daily24 Study](#). *Eating Behaviors*. 2022 Apr 1;45:101605.
- **Magnani JW**, Ferry D, Swabe G, Martin D, Chen X, Brooks MM, Kimani E, Paasche-Orlow MK, Ólafsson S, Bickmore T, El Khoudary SR. [Design and Rationale of the Mobile Health Intervention for Rural Atrial Fibrillation](#). *American Heart Journal*. 2022 Oct;252:16-25.
- March CA, Hill A, Kazmerski TM, **Siminerio L**, Miller E, Libman I, Switzer G. [Development and Psychometric Analysis of the Diabetes Device Confidence Scale \(DDCS\) for School Nurses](#). *Pediatric Diabetes*. 2022 June 3.
- Rollman BL, **Muldoon MF**, **Magnani JW**. [Four “E” s to Speed Adoption of mHealth and Promote Cardiovascular Behavioral Medicine](#). *Health Psychology*. 2022 Feb 28.
- Ruissen GR, Beauchamp MR, Puterman E, Zumbo BD, Rhodes RE, Hives BA, Sharpe BM, Vega J, **Low CA**, Wright AG. [Continuous-Time Modeling of the Bidirectional Relationship Between Incidental Affect and Physical Activity](#). *Annals of Behavioral Medicine*. 2022 Jul 8.
- Schuttner L, Hockett Sherlock S, Simons CE, Johnson NL, Wirtz E, Ralston JD, **Rosland AM**, Nelson K, Sayre G. [My Goals Are Not Their Goals: Barriers and Facilitators to Delivery of Patient-Centered Care for Patients with Multimorbidity](#). *Journal of General Internal Medicine*. 2022 May 23:1-8.

## Other Recent Publications of Note

- Bensken WP, Schiltz NK, Warner DF, Kim DH, Wei MY, Quiñones AR, Ho VP, Kelley AS, Owusu C, Kent EE, Koroukian SM. [Comparing the Association Between Multiple Chronic Conditions, Multimorbidity, Frailty, and Survival Among Older Cancer Patients](#). *Journal of Geriatric Oncology*. 2022 Jul 1.
- Charns MP, Benzer JK, McIntosh NM, Mohr DC, Singer SJ, Gurewich D. [A Multi-site Case Study of Care Coordination Between Primary Care and Specialty Care](#). *Medical Care*. 2022 May 24;60(5):361-367.
- Crowley MJ, Tarkington PE, Bosworth HB, et al. [Effect of a Comprehensive Telehealth Intervention vs Telemonitoring and Care Coordination in Patients with Persistently Poor Type 2 Diabetes Control: A Randomized Clinical Trial](#). *JAMA Internal Medicine*. 2022 July 25.
- Wick J, Campbell DJ, McAlister FA, Manns BJ, Tonelli M, Beall RF, Hemmelgarn BR, Stewart A, Ronksley PE. [Identifying Subgroups of Adult High-cost Health Care Users: A Retrospective Analysis](#). *Canadian Medical Association Open Access Journal*. 2022 Apr 1;10(2):E390-399.

## Member Spotlight: Margaret Zupa, MD, MS



Dr. Margaret Zupa is an Assistant Professor of Medicine in Endocrinology and Metabolism at the University of Pittsburgh, and a C4 Center core faculty member.

Dr. Zupa's research focuses on developing new approaches for leveraging technology to improve access to and quality of comprehensive diabetes specialty care. In her current work, she uses a mixed-methods approach that assesses patient and provider perspectives of diabetes telemedicine, and utilizes quantitative analyses of real-world electronic medical record (EMR) data to examine clinical outcomes.

Dr. Zupa recently published a paper in [Diabetes Technology and Therapeutics](#), which described the potential of using EMR data to identify patients at high risk for diabetes-related complications and proactively direct diabetes care resources to these high risk patients. You can learn more about Dr. Zupa and her work by going to her University of Pittsburgh Department of Medicine [faculty profile](#).

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