



The MetroHealth System

POPULATION HEALTH RESEARCH INSTITUTE

2022 Annual Report

PHRI 2022 ANNUAL REPORT EXECUTIVE SUMMARY

In 2022, PHRI entered a second year of implementing our 2020 strategic plan to meet our shared mission of leading the way to a healthy, thriving, equitable community and nation through actionable research, education and collaboration. In 2022, PHRI faculty held **34 active grants** where our ~16 core faculty serve as PI, co-PI or site PI totaling over **27 million dollars (increased from 27 grants and 17 million dollars in 2020) with 8 new grants in 2022** (see **2022 PHRI Grants Table**).

Selected examples of newly funded grants in 2022 include:

- 1) \$3 million dollar 3-year HRSA grant to upskill and train over 240 Community Health Workers in the region (PIs Davis/Caron)
- 2) \$1 million dollar 3-year NIH grant evaluating the effectiveness of a wearable hydration device (PIs Johnson, Piktel, Roach)
- 3) \$400,000 NIH CLOCK Consortium for PASC Phase II RECOVER Pediatric Cohort (Kleinman – PI; Kaelber – Site PI)
- 4) \$500,000 Ohio Department of Medicaid 1-year Planning Grant to establish a Northeast Ohio Quality Improvement Hub (Konstan, Bolen – PIs)

PHRI faculty also continued to serve as co-Is on **21 collaborative grants bringing in an additional 23 million dollars**. We also began our 2nd year of the PHRI pilot grant program to provide seed funding for collaborative population health research focused grants in 2022.

Beyond funded grants and projects, we continued to grow faculty and build collaborations in 2022 to assist in meeting our mission. We invited an additional 4 collaborating faculty (bringing our total collaborative faculty to 50) to join with us from across the region. We continued our monthly community-based research network meetings, and maintained relationships with our over 40 community partners. We hired 1 new investigator (Berg) focused on neighborhood social determinants of individual and family health across the life course. We also continued our 2nd year of the PHRI research fellowship, with 2 new research fellows for the program in 2022.

PHRI faculty continued to disseminate their work to enhance the regional and national reputation of The MetroHealth System and Case Western Reserve University (CWRU). We continued to increase our publications to 90 in 2022 (from 38 in 2019 and 58 in 2020) around key topic areas such as COVID-19, health disparities, cardiovascular health, and informatics research (see **2022 PHRI Publication List**). Our faculty were invited to provide ~20 national presentations in 2022 (see **2022 PHRI Invited National Presentations**), with more than 50 other regional and national presentations in 2022 highlighting PHRI activities (see **2022 PHRI Abstracts/Conference Talks List**). We also continued our PHRI Annual Visiting Professor Series around population health and our Annual Duncan Neuhauser Lecture Series around quality improvement.

PHRI faculty mentored over 65 trainees in 2022 on population health focused research including around 20 residents and faculty from The MetroHealth System and over 20 CWRU students (see **2022 PHRI Trainees Table**). In addition to mentoring trainees, we continued to teach high profile courses at CWRU, including but not limited to the following: 1) Design and Analysis of Observational Studies led by Dr. Love, PHRI Director of Biostatistics and Data Sciences; 2) Introduction to Clinical Research Scholars Program led by Dr. Einstadter; 3) Climate Change and Health led by Dr. Sehgal; and 4) Qualitative and Mixed Methods in Public Health led by Dr. Perzynski. We continue to assist in teaching Block 1 and 3 CWRU medical students. Our PHRI faculty have had several awards, honors and promotions in the past year based on their work (see 2022 PHRI Honors, Awards, and Promotions List). Lastly, PHRI faculty have filled over 100 critical service roles nationally and regionally, including service roles within MetroHealth, within CWRU, and within the community (see **PHRI Service Roles List 2022**). We look forward to future activities in 2023.

Please join us at one of our weekly PHRI seminar series (<https://www.metrohealth.org/population-health-research-institute/seminar-series>).

Sincerely,



Shari Bolen MD, MPH
Alfred F. Connors Sr. Health Services and Population Health Research Professor
Professor of Medicine, Population and Quantitative Health Sciences
The MetroHealth System and Case Western Reserve University
Director, Population Health Research Institute
The MetroHealth System

POPULATION HEALTH RESEARCH INSTITUTE

2022 ANNUAL REPORT

Executive Summary

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Grants Active or in No Cost Extension (By Co-Investigator)

POPULATION HEALTH RESEARCH INSTITUTE

Grants Active or in No Cost Extension in 2022 (by PI, Co-PI, or Site PI)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
CENTER FOR CLINICAL INFORMATICS RESEARCH AND EDUCATION (CCIRE)					
Kaelber	NIH (Subaccount from CWRU)	Multi-Level Interventions to Reduce Oral Health Disparities among Adults in Primary Care Settings (Kaelber – Site PI)	\$63,093	6/2/22 – 5/31/23	Case Western Reserve University School of Dental Medicine
Kaelber	NIH/NCRR UTR002548A	Cleveland Translational Science Collaborative (CTSC) Informatics (Konstan – PI) / (Kaelber – Site PI, Informatics Lead) / (Tarabichi – Dir. of Clinical Informatics Research Support)	\$715,977	5/15/2018 – 4/30/2023	Case Western Reserve University, Cleveland Clinic, Veterans Affairs, University Hospitals
Kaelber	Univ. of Cincinnati (NIH, prime sponsor) 5UG1DA013732	Ohio Valley Node-Network (OVNN) of the NIDA Clinical Trials Network (CTN OVNN) (Kaelber – Site PI)	\$68,787	6/1/20 – 2/28/23	University of Cincinnati
Kaelber	BIOS-CHOP	Comparative Effectiveness of Broad vs. Narrow Spectrum Antibiotics for Acute Respiratory Tract Infections in children (Kaelber – Site PI)	\$249,080	2/1/20 - 1/31/23	Children's Hospital of Philadelphia (and other study sites)
Kaelber	Massachusetts General Hospital (NIH, prime sponsor)	Assessment of Biomarkers in Children to Help Parents Quit Tobacco (Kaelber – Site PI)	\$499,367	7/1/21 – 6/30/23	Massachusetts General Hospital
Kaelber	Rutgers (NIH, prime sponsor)	COVID-19 Network of Networks Expanding Clinical and Translational approaches to Predict Severe Illness in Children (CONNECT to Predict Sick Children) (Kaelber – Site PI)	\$48,890	1/1/21- 11/30/22	Rutgers University (and other study sites)
Kaelber	Rutgers (NIH, prime sponsor)	Maternal and Child Health Measurement Research Network (Kaelber – Site PI)	\$11,674	9/1/19 – 8/31/22	Rutgers University (and other study sites)
Kaelber	Rutgers (NIH, prime sponsor)	CLOCK Consortium for PASC Phase II RECOVER Pediatric Cohort (Kleinman – PI; Kaelber – Site PI)	\$408,912	5/24/22 – 5/23/23	Rutgers University (and other study sites)
Kaelber	Harvard Pilgrim Health Care, Inc	Safety and Healthcare Epidemiology Prevention Research Development (SHEPherd) Program 2021 Domain 1-A012 Electronic Support for Public Health-VAERS (ESPVAERS) for COVID-19 (Kaelber – Site PI)	\$235,027	9/13/21 - 9/12/23	Harvard University
Tarabichi	DARTNet Institute Optimum Patient Care Global	PRagmatic EVALuation of a Quality Improvement Program for People Living with Modifiable High-risk COPD (PREVAIL) (Tarabichi – Site PI)	\$525,000	9/1/2022- 1/1/2027	Mount Sinai Hospital, University of Colorado
Tarabichi	Beckman-Coulter, Inc.	Sepsis Onset Warning System for SOWS Validation Hospital: A (Tarabichi – PI)	\$5,000	2/1/22 - 3/31/23	

Grants Active or in No Cost Extension in 2022 (by PI, Co-PI, or Site PI)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
Tarabichi	Beckman-Coulter, Inc.	Collection of Electronic Health Data to Support Product Development Life Cycle of Sepsis Onset Warning System (SOWS) Product (the "Clinical Research Study" or "Study") (Tarabichi-Site PI)	\$270,002	12/1/20 – 12/31/22	
TOTAL CCIRE:			\$3,100,809		
CENTER FOR REDUCING HEALTH DISPARITIES (CRHD)					
Sehgal	NIH/NIMHD U54	Involving Communities in Delivering and Designing Health Disparity Interventions (Sehgal – PI)	\$7,053,013	9/1/2017 – 4/30/2022	Community Based Research Network (multiple organizations)
Sehgal	NIH/NCI R01	Pain & Immobility After Breast Cancer Surgery (Sehgal – PI)	\$2,204,125	7/1/2019 – 6/30/2023	The Gathering Place
Sehgal	NIH/NIDDK R01 DK112905-01A1	Using Latent Variables and Directly Observed Treatment to Improve the Management of Depression Among Hemodialysis Patients (Gunzler, Sehgal – MPI's)	\$1,166,845	12/5/17 – 11/30/2022	Centers for Dialysis Care
TOTAL CRHD:			\$10,423,983		
CENTER FOR HEALTH CARE RESEARCH & POLICY (CHRP)					
Ardelt	Ohio Dept. of Health	P-COVERDELL REGISTRY YR5 Heart Disease and Stroke Prevention (Ardelt – PI)	\$220,000	6/30/2021 – 6/29/2022	Collaboration of Stroke Centers Across Ohio
Bolen	Centers for Disease Control and Prevention NU58DP006586-01-00	Racial and Ethnic Approaches to Community Health (REACH) (Halko – PI) / (Bolen – Project Lead)	\$377,705*	9/30/2018- 9/29/2023	HIP-Cuyahoga, Cuyahoga County Board of Health, Case Western Reserve University, Fairhill Partners, A Vision of Change, Better Health Partnership
Bolen	Ohio Dept. of Medicaid ODM202216	Ohio Cardiovascular and Diabetes Health Collaborative—Cardi-OH (Konstan, Bolen – PI's)	\$242,274	7/3/2019 – 6/30/2022	7 Ohio Medical Schools, Better Health Partnership, Cleveland Clinic, Veterans Affairs, University Hospitals
Bolen	Ohio Dept. of Medicaid ODM202216	Diabetes Quality Improvement Project—Federal and State (Konstan, Bolen – PI's)	\$255,181	7/3/2019 – 6/30/2022	7 Ohio medical schools, Ohio primary care clinics, Medicaid plans
Bolen	Ohio Dept. of Medicaid	Northeast Ohio Quality Improvement Hub 2022 – 2023 (Konstan, Bolen – PI's)	\$350,000	10/6/22 – 6/30/23	Northeast Ohio Medical University, Case Western Reserve University, Better Health Partnership
Bolen	Ohio Dept. of Medicaid	Northeast Ohio Quality Improvement Hub – Mentoring Grant 2022 – 2023 (Konstan, Bolen – PI's)	\$52,351	10/6/22 – 6/30/23	Case Western Reserve University, Government Resource Center, Ohio Department of Medicaid

Grants Active or in No Cost Extension in 2022 (by PI, Co-PI, or Site PI)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
Bolen, Caron	Agency for Healthcare Research & Quality U18HS027944	Heart Healthy Ohio (Bolen, Caron – MPI's)	\$4,139,237	1/1/21 – 12/31/23	University of Cincinnati, Ohio State University, Case Western Reserve University, 3 regional health collaboratives and community organizations
Caron	HRSA T13HP31899	Primary Care Training and Enhancement: Training Primary Care Champions (Caron – PI)	\$780,289	9/1/2018 – 8/31/2023	FQHCs, Johns Hopkins
Davis, Caron	HRSA T29HP46696	Community Health Worker Training Program (Caron, Davis – PI's)	\$2,996,917	9/15/2022 – 9/14/2025	Cleveland State University, Kent State University, Tri-C, Better Health Partnership
Gaglioti	NIH/Morehouse 6793-02-S027	Network for Community Engaged Primary Care Research (NCPCR): Coalition to Advance COVID-19 Equity (CACE) (Mack – PI; Gaglioti – Co-PI)	\$55,186	7/1/22 – 12/31/22	Morehouse School of Medicine, OCHIN, National Association of Community Health Centers, NORC at the University of Chicago, Cleveland Clinic
Gunzler	NIH/NIDDK R01 DK112905-01A1	Using Latent Variables and Directly Observed Treatment to Improve the Management of Depression Among Hemodialysis Patients (Gunzler, Sehgal – MPI's)	See above under Sehgal	12/5/17 – 11/30/2022	Centers for Dialysis Care
Gunzler	National Institute of Nursing Research NR019306	Elucidating Symptoms Clusters in Multiple Sclerosis Using Patient Reported Outcomes and Unsupervised Machine Learning (Briggs, Gunzler – Co-PI's)	\$54,519	8/24/21 – 6/30/23	Case Western Reserve University, Harvard University
Gunzler	Michael J. Fox Foundation MJFF-020155	Characterizing Phenotypic Trajectories in People with Parkinson's Disease (Briggs, Gunzler – Co-PI's)	\$41,809	8/1/21 – 7/31/22	Case Western Reserve University, Harvard University
Perzynski	NIH/NIA RES514175 R01 AG055480	Modeling and Forecasting Atherosclerotic Risk: A Complex Systems Approach (Dalton, Perzynski – PI's)	\$2,330,796	4/1/2019 – 3/31/2022	Case Western Reserve University, Cleveland Clinic
Perzynski	NIH/NIA R01AG055480-04S1	Cardiovascular Risk among Transgender Persons in a Regional Electronic Health Record Registry (Dalton, Perzynski – PIs)	\$98,859	8/1/20 – 3/31/22	Case Western Reserve University, Cleveland Clinic
Perzynski	NIH/NIA R01AG055480-04S1	Mechanisms of Cognitive Decline Across Socioeconomic and Clinical Contexts (Perzynski – PI)	\$402,453	8/1/20 – 3/31/22	Case Western Reserve University, Cleveland Clinic
Perzynski	CWRU/Ohio Development Services Agency TECG20200278	Dehydration Risk Sensor (Perzynski – PI)	\$49,462	6/1/21 – 5/31/22	Tritonx Inc.
Perzynski	University Hospitals/	Northeast Ohio Renal Research Innovation Award (Perzynski – PI)	\$62,500	12/1/21 – 4/30/23	Tritonx Inc.

Grants Active or in No Cost Extension in 2022 (by PI, Co-PI, or Site PI)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
	Rosenberg Foundation				
Roach	TRITONX INC. (NIH/NIA; prime sponsor) 1R42AG080886	Clinical Effectiveness of a Wearable Hydration Device (Johnson – PI; Roach, Piktel – Site Co-PI's)	\$1,046,628	9/1/22 - 8/31/25	Tritonx Inc.
Seeholzer	American Cancer Society RSG-18-137-01	CHOOSE2QUIT YR 3: Improving Equity in Smoking Cessation for Low-Income Adults (Flocke – PI) / (Seeholzer – Site PI)	\$196,530	8/1/2021 – 7/31/2022	Case Western Reserve University, Oregon Health Sciences University
TOTAL CHRP:			\$13,752,696		
TOTAL ALL CENTERS:			\$27,277,488		

* This amount is amount to Better Health Partnership on this award.

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Grants Active or in No Cost Extension in 2022 (by Co-Investigator)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
CENTER FOR CLINICAL INFORMATICS RESEARCH AND EDUCATION (CCIRE)					
Kaelber	NIH	Characterize Multifaceted Interactions Between COVID-19 and Alcohol Use Disorder Based on Real-time Analysis of Electronic Health Records of 62 Million Adult Patients (Xu – PI)	\$21,154.00	9/1/22 - 8/31/23	Case Western Reserve University
Kaelber	NIH	Collision of Alzheimers Disease and COVID-19 Pandemic in the United States: Risks, Outcomes, Disparities and Treatments (Xu – PI)	\$63,461.00	5/1/22 – 4/30/23	Case Western Reserve University
Riley	NIH-NIDA P30DA054557	CWRU Center for Excellence on the Impact of Substance Use on HIV (Levine – PI; Avery – Site PI for Core D)	\$4,559,793	9/15/2021 – 5/31/2026	Case Western Reserve University
TOTAL CCIRE:			\$4,644,408		
CENTER FOR REDUCING HEALTH DISPARITIES (CRHD)					
Sehgal	NIH/NIMHD	Access to Kidney Transplantation (Myaskovsky-PI)	\$92,034	7/7/20 – 1/31/25	University of New Mexico
TOTAL CRHD:			\$92,034		
CENTER FOR HEALTH CARE RESEARCH & POLICY (CHRP)					
Bolen	NIH-NLM R01LM012518	Decision-Making Modeling for Treating Intimate Partner Violence (Karakurt-PI)	\$58,721	8/6/18 – 7/31/22	University Hospitals
De Luca	NIH/USC 1DP2MH129967	Shifting Suicide Prevention Paradigms: Looking Beyond Clinical Settings (Blosnich-PI)	\$101,435	11/1/21 – 8/31/24	University of Southern California
Einstadter	Nat'l Instit. of Mental Health R01MH119487	Effectiveness RCT of Customized Adherence Enhancement (CAE-E) (Levin, Sajatovic-PI's)	\$73,980	4/15/20 – 3/31/25	University Hospitals, Case Western Reserve University
Einstadter	Nat'l Instit. of Nursing Research R01NR018023	Reducing Stroke Risk in African-American Men (TEAM2) (Sajatovic, Still-PI's)	\$80,315	9/5/19 – 6/30/24	University Hospitals, Case Western Reserve University
Einstadter	Nat'l Heart, Lung, and Blood R01HL149409	Using mHealth to Improve Adherence and Reduce Blood Pressure in Individuals with Hypertension and Bipolar Disorder (ITAB-CV) (Levin, Sajatovic-PI's)	\$62,790	8/17/20 – 4/30/25	University Hospitals, Case Western Reserve University
Gaglioti	NIH/Morehouse 1OT2OD032581	AIM-AHEAD Coordinating Center Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Research Diversity (Vishwanatha-PI)	\$111,728	9/17/21 – 9/16/23	The University of North Texas, OCHIN, Morehouse School of Medicine, Duke, University of California Irvine

Grants Active or in No Cost Extension in 2022 (by Co-Investigator)

PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates	Collaborating Organizations
Gaglioti	NIH/Morehouse	National COVID-19 Resiliency Network: National Infrastructure for Mitigating the Impact of COVID-19 within Racial and Ethnic Minority and Vulnerable Communities (Mack-PI)	\$76,200	7/1/21 – 6/30/23	Morehouse School of Medicine, NORC at the University of Chicago, multiple other partners
Gaglioti	PCORI/Morehouse	Empowering People with Intellectual and Developmental Disabilities (IDD) to Engage as Partners in Research (Douglas-PI)	\$37,240	11/1/21 – 10/31/23	Morehouse School of Medicine, Georgia State AUCD, Cleveland Clinic
Gunzler	NIH-NICHD RO1 HD093661-01A1	Peripheral Nerve Stimulation for Subacromial Impingement Syndrome (Wilson-PI)	\$3,266,444	9/1/18-6/30/23	
Gunzler	NIH-NICHD R01 HD092351	Contralaterally Controlled FES versus Cyclic NMES for Hand Function after Stroke (Knutson-PI)	\$3,174,491	8/1/18-7/31/23	
Gunzler	NIH R01 HD098127-01A1	Identifying and Assessing Multi-Level Barriers to Equitable Postpartum Sterilization (Arora-PI)	\$374,180	4/1/20-3/31/24	University of North Carolina Chapel-Hill
Gunzler	PCORI Treatment of Multiple Sclerosis - Cycle 3 2016	Comparing the Effectiveness of Fatigue Management Programs for People with MS (Plow-PI)	\$4,869,758	12/1/2017 - 8/31/2023	Case Western Reserve University
Gunzler	DOD W81XWH2210778	Genital Nerve Stimulation to Modulate Anorectal Reflex Activity in Neurogenic Bowel Dysfunction in Individuals Living with Spinal Cord Injury (Anderson, Hoey-PI's)	\$2,620,221	9/30/2022 - 9/29/2026	
Gunzler	NIH-NICHD 1R01HD105008-01A1	Customizable Cooperative Multi-joint Control to Enhance Walking Mobility After Stroke (Makowski-PI)	\$3,084,815	9/15/2022 - 9/14/2027	
Love	PCORI MS-1610-37047	Comparing Two Approaches to Treat Relapsing-Remitting Multiple Sclerosis -- The DELIVER-MS Study (Ontaneda-PI)	\$194,498	2/1/18 – 1/31/23	Cleveland Clinic
Perzynski	Nat'l Cancer Institute R01CA226921	TNBC in AA Women Supplement (Sossey-Alaoui-PI)	\$197,603	5/3/19 – 4/30/24	Case Western Reserve University
Perzynski	NICHD R01HD105892	Patient-Centered Outcomes of Sacrocolpopexy versus Uterosacral Ligament Suspension for the Treatment of Uterovaginal Prolapse -- PREMIER Trial (Hijaz, PI)	\$36,225	8/20/21 – 7/31/26	University Hospitals, University of Pittsburgh, Cleveland Clinic, Duke
TOTAL CHRPs:			\$18,420,644		
TOTAL ALL CENTERS:			\$23,157,086		

Publications

Publications – 2022

Peer Reviewed Articles (trainee authors underlined)

1. Alexander JT, Staab EM, Wan W, Franco M, Knitter A, Skandari MR, **Bolen S**, et al. Longer-term benefits and risks of sodium-glucose cotransporter-2 inhibitors in type 2 diabetes: a systematic review and meta-analysis. *J Gen Intern Med.* 2022 Feb;37(2):439-448. doi: 10.1007/s11606-021-07227-0. Epub 2021 Nov 30. PMID: 34850334; PMCID: PMC8811049.
2. Ali AM, **Gaglioti AH**, Stone RH, Crawford ND, Dobbin KK, Guglani L, et al. Access and utilization of asthma medications among patients who receive care in federally qualified health centers. *J Prim Care Community Health.* 2022 Jan-Dec;13:21501319221101202. doi: 10.1177/21501319221101202. PMID: 35603467; PMCID: PMC9130805.
3. Alkilany R, **Einstadter D**, Antonelli M. Urate-lowering therapy for patients with gout on hemodialysis. *Int J Rheum Dis.* 2022 Jul;25(7):769-774. doi: 10.1111/1756-185X.14334. Epub 2022 May 16. PMID: 35570645; PMCID: PMC9542196.
4. Bailey SR, Albert EL, **Seeholzer EL**, **Lewis SA**, Flocke SA. Sustained effects of a systems-based strategy for tobacco cessation assistance. *Am J Prev Med.* 2022 Nov 11:S0749-3797(22)00493-7. doi: 10.1016/j.amepre.2022.09.020. Epub ahead of print. PMID: 36376144.
5. Baltés M, Pronovost E, **Kanuch S**, **Caron A**. Improving influenza vaccination rates in an underserved primary care clinic using a simple educational tool. *Qual Manag Health Care.* 2022;31(2):80-84. doi:10.1097/QMH.0000000000000335.
6. Barreto T, Li C, Chung YK, Jabbarpour Y, Baltrus P, **Gaglioti A**. [Measuring state-level racial inequity in severe maternal morbidity in the Medicaid population.](#) *Matern Child Health J.* 2022 Apr;26(4):682-690. doi: 10.1007/s10995-021-03192-6. Epub 2021 Dec 2. PMID: 34855057.
7. **Berg KA**, **Marbury M**, **Whaley MA**, **Perzynski AT**, Patel SR, **Thornton JD**. [Experiences with continuous positive airway pressure among African American Patients and their bed partners.](#) *Behav Sleep Med.* 2022 May 18:1-12. doi: 10.1080/15402002.2022.2075365. [Epub ahead of print] PMID: 35583497; PMCID: PMC9672138.
8. Birabaharan M, **Kaelber DC**, Pettus JH, Smith DM. Risk of new-onset type 2 diabetes in 600 055 people after COVID-19: A cohort study. *Diabetes Obes Metab.* 2022 Jun;24(6):1176-1179. doi: 10.1111/dom.14659. Epub 2022 Feb 15. PMID: 35112782; PMCID: PMC9035030.

Publications – 2022 (Continued)

9. Birabaharan M, **Kaelber DC**, Orme CM, Paravar T, Karris MY. Evaluating risk of bullous pemphigoid after mRNA COVID-19 vaccination. *Br J Dermatol*. 2022 Aug;187(2):271-273. doi: 10.1111/bjd.21240. Epub 2022 May 24. PMID: 35279833; PMCID: PMC9111668.
10. Bjornstad EC, Cutter G, Guru P, Menon S, Aldana I, House S, M Tofil N, St Hill CA, **Tarabichi Y**, et al.; SCCM Discovery VIRUS Investigators Group. SARS-CoV-2 infection increases risk of acute kidney injury in a bimodal age distribution. *BMC Nephrol*. 2022 Feb 11;23(1):63. doi: 10.1186/s12882-022-02681-2. PMID: 35144572; PMCID: PMC8831033.
11. Bogojevic M, Bansal V, Pattan V, Singh R, Tekin A, Sharma M, La Nou AT, LeMahieu AM, Hanson AC, Schulte PJ, Deo N, Qamar S, Zec S, Valencia Morales DJ, Perkins N, Kaufman M, Denson JL, Melamed R, Banner-Goodspeed VM, Christie AB, **Tarabichi Y**, et al.; Society of Critical Care Medicine (SCCM) Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group. Association of hypothyroidism with outcomes in hospitalized adults with COVID-19: Results from the International SCCM Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry. *Clin Endocrinol (Oxf)*. 2022 Feb 18:10.1111/cen.14699. doi: 10.1111/cen.14699. Epub ahead of print. PMID: 35180316; PMCID: PMC9111656.
12. **Bolen SD**, Beverly EA, Khoury S, Regan S, Wright JT Jr, **Koroukian S**, Wexler R, Rao G, Hargraves D, Bricker D, Solomon GD, Holliday M, Gardner-Buckshaw S, Dworkin L, **Perzynski AT**, Littman E, Nevar A, Swiatkowski SM, Applegate M, **Konstan MW**. Forming Cardi-OH: A statewide collaborative to improve cardiovascular health in Ohio. *Cureus*. 2022 Aug 25;14(8):e28381. doi: 10.7759/cureus.28381. PMID: 36171829; PMCID: PMC9508792.
13. Botticello AL, Murphy L, Bogner J, Boninger M, Bryce TN, Chen Y, Heinemann AW, **Roach MJ**. Who moves after SCI? Individual, health, and neighborhood predictors of residential mobility among participants in the National Spinal Cord Injury Model Systems Database. *Arch Phys Med Rehabil*. 2022 Apr;103(4):822-831. doi: 10.1016/j.apmr.2021.03.039. Epub 2021 May 15. PMID: 34004163.
14. Brackney K, **Labbad G**, Hersh A, Rincon M, **Bar-Shain D**, Babb R, et al. [Missed Anti-D immune globulin administration to postpartum patients in two health systems: an unrecognized patient safety risk](#). *AJOG Glob Rep*. 2022 Feb 5;2(2):100038. doi: 10.1016/j.xagr.2021.100038. PMID: 36275497; PMCID: PMC9563491.
15. Butt MU, Okumus N, Jabri A, **Thomas C**, **Tarabichi Y**, Karim S. Early versus late catheter ablation of atrial fibrillation and risk of permanent pacemaker implantation in patients with underlying sinus node dysfunction. *J Am Heart Assoc*. 2022 Sep 6;11(17):e023333. doi: 10.1161/JAHA.121.023333. Epub 2022 Sep 3. PMID: 35535620; PMCID: PMC9496447.
16. Campione JR, Ritchie ND, Fishbein HA, Mardon RE, Johnson MC Jr, Pace W, Birch RJ, **Seeholzer EL**, et al. Use and impact of type 2 diabetes prevention

Publications – 2022 (Continued)

- interventions. *Am J Prev Med.* 2022 Oct;63(4):603-610.
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Books, Book Chapters, Published Letters, Editorials, Invited Manuscripts & Technical Reports

1. **Berg KA**, Coulton CJ, **Perzynski AT**. Racism and the racialization of U.S. neighborhoods: Impacts on child maltreatment and child maltreatment reporting. In: Maguire-Jack, K., Katz, C. (eds). *Neighborhoods, Communities and Child Maltreatment*. *Child Maltreatment*, Vol 15. Springer, Cham. https://doi.org/10.1007/978-3-030-93096-7_4
2. Alkilany R, **Einstadter D**, Antonelli M. [Response to] "Urate lowering therapy for patients with gout on hemodialysis". *Int J Rheum Dis*. 2022 Dec 20. doi: 10.1111/1756-185X.14527. Epub ahead of print. PMID: 36537622.
3. **Kaelber DC**. Pediatric electronic health records moving from adolescence to young adulthood after more than 50 years. *Curr Probl Pediatr Adolesc Health Care*. 2022 Jan;52(1):101131. doi: 10.1016/j.cppeds.2021.101131. Epub 2022 Jan 13. PMID: 35033457. [Invited commentary]

Invited Presentations

Invited Presentations – 2022

National/International

1. Bolen SD. Cardi-OH: A Statewide Cardiovascular and Diabetes Health Collaborative. Institute for Health Care Improvement Learning Session for Saudi Arabia Diabetes Quality Improvement Project Saudi, Arabia, June 2022. (Virtual)
2. Bolen SD, Love TE, Einstadter D, Lever J, Lewis S, Persaud H, Fiegl J, Liu R, Ali-Matlock W, Bar-Shain D, Caron A, Misak J, Wagner T, Kauffman E, Cook L, Hebert C, White S, Kobaivanova N, Cebul R. Improving Regional Blood Pressure Control: A Positive Deviance Tiered Intensity Approach. JGIM National Webinar Panelist Highlighting the Top 3 Implementation Science Papers in 2021, December 2022.
3. De Luca S. Questions of Faith: Suicidality Among Sexual Minority Adolescents and Young Adults. Ohio Suicide Prevention Foundation, October 26, 2022. (Virtual)
4. Gaglioti A. Accelerating the Use of Findings from Patient-Centered Outcomes Research in Clinical Practice to Improve Health and Health Care: Workshop #2. National Academies of Sciences, Engineering, and Medicine, June 17, 2022.
5. Gunzler D, Briggs F. Characterizing Phenotypic Trajectories in People with Parkinson's Disease. 23andMe, PDAWG External Speaker Series, November 2022.
6. Gunzler D, Briggs F. Characterizing Phenotypic Trajectories in People with Parkinson's Disease. The Michael J. Fox Foundation for Parkinson's Research, Fox Insight RFA Assessment Meeting, October 2022. (Virtual)
7. Ho V. Bridging Knowledge Gaps to Improve Equitable Patient Care in Trauma. CY Thomas Lectureship, St. Luke's Hospital of Kansas City, October 2022.
8. Ho V. Geriatric Trauma: What are we not seeing? 10th Annual Symposium for Enhancing Geriatric Understanding and Education (SEGUE) in Ophthalmology: Geriatric Eye Care 2022, April 2022.
9. Perzynski AT. Panelist, Data Community and Equity, Strategies to Repair Equity and Transform Community Health (STRETCH). An initiative supported by the Robert Wood Johnson Foundation, 2022.
10. Perzynski AT. Panelist, A Focus on Broadband and Health Data and Social Determinants of Health Research. Connect2Health FCC Task Force Hosting Virtual Symposium on Advancing Broadband Connectivity as a Social Determinant of Health. Federal Communications Commission, GN Docket No. 22-43, 2022.

Invited Presentations – 2022 (Continued)

11. Sehgal A. Community Members as Reviewers of Medical Journal Manuscripts. Council of Science Editors Annual Meeting, Phoenix, Arizona, May 2, 2022.
12. Sehgal A. Research, and Quality Improvement. Million Hearts Climate Change and Cardiovascular Disease Collaborative, November 3, 2022. (Virtual)
13. Sehgal A. Building a Comprehensive Social Determinants of Health Screening and Response Model Within a Health System. American Hospital Association, November 16, 2022. (Virtual)
14. Sehgal A. Social Determinants of Health Frameworks in Action. Social Determinants of Health Connections Workgroup, Harvard Business School, November 17, 2022. (Virtual)
15. Siff J, Kaelber D, Evans J. User Satisfaction from a High Performing Health System. Epic International User Group Meeting, Madison, WI, 2022.
16. Tarabichi Y. The Impact of the Implementation of a Sepsis Early Warning System in the Emergency Department Setting: A Randomized Controlled Quality Initiative. Society of Critical Care Medicine Journal Club Webcast, March 24, 2022.
17. Tarabichi Y. Surviving Sepsis with Help from an Early Warning System. Epic Annual User Group Meeting, Verona, WI, August 24, 2022.
18. Tarabichi Y. Reducing Show Rate Disparities by Leveraging a No-show Rate Model. Epic Annual User Group Meeting, Verona, WI, August 24, 2022.
19. Tarabichi Y. Presenter and panelist, Cosmos Data Science Tools for Statistical Analysis and Academic Publications. Epic Annual User Group Meeting, Verona, WI, August 24, 2022.
20. Tse W. Human Health Effects and Epigenetics from Microplastics. First Vienna Summit for Microplastics and Human Health, Vienna, Austria, September 2022.
21. Tse W. Development of CD4CAR/Vac for T cell Malignancies. Department of Nuclear Medicine, Medical University of Vienna, Austria, September, 2022.

Regional

1. Berg KA. Strategies for Disseminating Qualitative Research Findings. Presented to the Community Based Research Network (CBRN) at the Case Western Reserve University and MetroHealth System's Center for Reducing Health Disparities, Cleveland, OH, April 14, 2022.
2. Berg KA. Addressing Disparities, Inequities, and the Social Determinants of Health: Challenges and Opportunities. Invited workshop, Internal Medicine Clerkship, Case Western Reserve University third-year medical students, March 18, 2022.

Invited Presentations – 2022 (Continued)

3. Bolen SD, Daprano J, Sanders C, Knapp S, Brigham E. Medicaid Statewide Diabetes Quality Improvement Project: Results and Lessons Learned. Breakout Session and Panel, Better Health Partnership Learning Collaborative, Cleveland, OH, October 2022.
4. Caron A. Moderator, Medical Education Retreat. University Hospitals, Cleveland OH, August 31, 2022. (Virtual)
5. Caron, A. An Introduction to Implementation Science. The MetroHealth System, Cleveland, OH, July 9, 2022.
6. Davis Bellamy K. Co-presenter, Strategic Partnerships for Improving Youth Wellness in Ohio. Better Health Partnership Learning Collaborative, Cleveland, OH, October 21, 2022.
7. Davis Bellamy K. Moderated Panel, Ohio School Health Training Academy: Healthcare Delivery in the School Setting. Columbus, OH, September 29, 2022.
8. Gaglioti A. Moderator, Race, and the Clinical Management of Cardiovascular Health. Cardi-OH State-Wide Webinar, March 16, 2022.
9. Gaglioti A. Mind, Body, & Soul: Working Towards Zero Burnout in Community Health. South Carolina Primary Health Care Association Clinical Network Retreat, Virtual, June 7, 2022.
10. Love TE. Statistical Significance in Research. Case Neuroscience Society, Case Western Reserve University, Cleveland, OH, November 2022.
11. Mintz L. Fall VITALS: We've Been Saving Our Lives All Along. Case Western Reserve University School of Medicine, 2022.
12. Mintz L. LGBTQ+ Mental Health: Building A World Where We All Thrive. Case Western Reserve University School of Medicine, Cleveland, OH, 2022.
13. Mintz L. Sexual Ethics, Harm Reduction, and the Sex Trade and Street Economies. Case Western Reserve University School of Medicine, Department of Bioethics, Cleveland, OH, 2022.
14. Mintz L. Sexual and Gender Minorities and the Social Determinants of Health. Internal Medicine-Pediatrics Grand Rounds, The MetroHealth System, 2022.
15. Mintz L. Glycemia and Gender Affirming Care. podcast, CARDI-OH; Ohio Cardiovascular and Diabetes Health Collaborative
16. Papp J. MOUD in the Criminal Justice Setting: Handoff and Transition of Care Upon Release. American Society of Addiction Medicine (ASAM) Ohio Chapter Annual Conference, Columbus, OH, October 7, 2022.
17. Papp J. OUD interventions in the Emergency Department. Concepts in Addiction, Cleveland Clinic Foundation, November 5, 2022. (Virtual)

Invited Presentations – 2022 (Continued)

18. Papp J. Polysubstance Misuse: Is It the Future or Current Crisis? Ursuline APRN Conference, Cleveland, OH, September 27, 2022.
19. Roach MJ. Assessment of Accessibility Issues for Persons who use a Wheelchair for Mobility. The Cleveland Foundation, Cleveland, OH, July 6, 2022. (Virtual)
20. Roach MJ. Pointers for Applying for Federal Research Grants. Baldwin Wallace University, MPH Students, Berea, OH, April 2022. (Virtual)
21. Tarabichi Y. The Role of EHRs in the Assessment, Risk Stratification and Management of Cardiovascular Risk. The Ohio Cardiovascular and Diabetes Health Collaborative (CARDI-OH, a statewide initiative), November 10, 2022. (Webcast)
22. Tarabichi Y. EHR Data Aggregation Collaboratives: A Clinical Research Informatics Perspective. Cleveland Clinic Center for Value Based Care, Cleveland, OH, December 16, 2022.

Conference Talks and Abstracts

Conference Talks and Abstracts – 2022

National/International

1. Alsulaily AM, Berg KA, Shamakian L, Einstadter D, Perzynski AT. Health Risks among Older Adults According to Primary Language: Evidence from Medicare Annual Wellness Visits. Annual Meeting of the Gerontological Society of America, Indianapolis, IN, 2022.
2. Baltrus P, Li C, Douglas MD, Josiah-Willock R, Immergluck LC, Gaglioti AH, et al. COVID-19 Case Trajectories for Metro-Atlanta Census Tracts, Changes Between the First and Second Wave. American Public Health Association Annual Meeting & Expo, Boston, MA, November 8, 2022.
3. Baltrus P, Mussington T, Li C, Gaglioti AH, Blount M, Hernandez N, et al. County-Level Structural Racism Predicts Diabetes Diagnosis in Women of Reproductive Age. American Public Health Association Annual Meeting & Expo, Boston, MA, November 9, 2022.
4. Beceril A, Pfoh E, Ardeshir H, Mourany L, Gunzler D, Berg K, Moore S, Perzynski A, Dalton J. Sex Differences in Association of Established AD Risk Factors in the Incidence of Alzheimer's Disease: A Regional Retrospective Cohort Study. Paper submitted for presentation at the Annual Scientific Meeting of the American Geriatrics Society (AGS), Orlando, FL, May 2022.
5. Bender AE, Evans KE, Berg KA, Holmes MR. 'Stuck in the House Together' and 'On Edge: Experiences of Intimate Partner Violence during the COVID-19 Pandemic. Society for Social Work Research (SSWR) 26th Annual Conference, Washington, DC, January 2022.
6. Berg KA, DeRenzo M, Carpiano RM, Perzynski AT. Go-Along Interview Assessment of Community Health Priorities for Neighborhood Renewal. Society for Social Work Research (SSWR) 26th Annual Conference, Washington, DC, January 2022.
7. Berko E, Kaelber D, De Luca S, O'Donnell K, Miller E, Fiegl J, Leon J. Integrated Behavioral Health Expansion: Pre-Implementation Results. 43rd Annual STFM Behavioral Science Forum. Chicago, IL, September 7, 2022. (Poster)
8. Blount MS, Dopson R, Todd D, Walston DT, Tucker M, Crenshaw M, Vinoski Thomas E, Gaglioti AH, et al. Empowering People with Intellectual and Developmental Disabilities (IDD) to Engage as Partners in Research to Advance Health Equity. American Public Health Association Annual Meeting & Expo, Boston, MA, November 7, 2022. (Poster)
9. Blount MA, Douglas MD, Li C, Walston DT, Gaglioti AH, Mack DH. Multi-level Health Equity Implications for the Rapid Adoption and Use of Digital Health Tools. American

Conference Talks and Abstracts – 2022 (Continued)

Public Health Association Annual Meeting & Expo. Boston, MA. November 8, 2022.
(Poster)

10. Bolen SD, Beverly EA, Regan S, Wright Jr JT, Koroukian S, Koopman Gonzalez S, Wexler R, Dungan K, Rao G, Solomon GD, Lamb JF, Holliday MB, Gardner-Buckshaw SL, Baughman K, Dworken L, Juame J, Littman E, Nevar A, Konstan MW. Cardi-OH Formation and Reach: A Statewide Cardiovascular and Diabetes Health Collaborative. Society of General Internal Medicine National Meeting, Orlando, FL, April 2022. (Oral)
11. Bolen SD, Beverly EA, Regan S, Wright Jr JT, Koroukian S, Koopman Gonzalez S, Wexler R, Dungan K, Rao G, Solomon GD, Lamb JF, Holliday MB, Gardner-Buckshaw SL, Baughman K, Dworken L, Juame J, Littman E, Nevar A, Konstan MW. Cardi-OH Formation and Reach: A Statewide Cardiovascular and Diabetes Health Collaborative. Academy Health Annual Research Meeting, Washington DC, June 2022. (Oral)
12. Bolen S, Lever J, Mundorf C, Jenkins A, Smith S, Finley M, DaPrano J, Johnson E, Masotya M, Joshi S, Gunder A, Lohr M, Bar-Shain D, Kaelber D, et al. Linking Clinics to Community Resources: Addressing Social Needs Using Bidirectional Health Information Exchange. Academy Health, Washington DC, 2022. (Poster)
13. Cardet JC, Pace WD, Carroll JK, AL Fuhlbrigge, She L, Rockhold FW, Maher NE, Fagan M, Forth VE, Hernandez PA, Kruse J, Manning BK, Rodriguez-Louis J, Shields JB, Ericson B, Moya AC, Coyne-Beasley T, Hammer G, Kaplan BM, Madison S, Rand CS, Robles J, Thompson O, Wechsler ME, Wisnivesky JP, McKee MD, Jariwala SP, Jerschow E, Busse PJ, Kaelber DC, et al. An Add-on Reliever-triggered Inhaled Corticosteroid Strategy Reduces Severe Asthma Exacerbations in a Broad Phenotypic Range of African American/Black and Hispanic/Latinx Patients with Asthma. American Thoracic Society International Meeting, San Francisco, CA, 2022. (Oral)
14. Cardet JC, Pace WD, Carroll JK, AL Fuhlbrigge, She L, Rockhold FW, Maher NE, Fagan M, Forth VE, Hernandez PA, Kruse J, Manning BK, Rodriguez-Louis J, Shields JB, Ericson B, Moya AC, Coyne-Beasley T, Hammer G, Kaplan BM, Madison S, Rand CS, Robles J, Thompson O, Wechsler ME, Wisnivesky JP, McKee MD, Jariwala SP, Jerschow E, Busse PJ, Kaelber DC, et al. Insights to the Development and Management of Difficult to Control Asthma. American Academy of Allergy, Asthma, and Immunology, Phoenix, AZ, 2022. (Oral)
15. Cardet JC, Pace WD, Carroll JK, AL Fuhlbrigge, She L, Rockhold FW, Maher NE, Fagan M, Forth VE, Hernandez PA, Kruse J, Manning BK, Rodriguez-Louis J, Shields JB, Ericson B, Moya AC, Coyne-Beasley T, Hammer G, Kaplan BM, Madison S, Rand CS, Robles J, Thompson O, Wechsler ME, Wisnivesky JP, McKee MD, Jariwala SP, Jerschow E, Busse PJ, Kaelber DC, et al. Successfully Reducing Severe Asthma Exacerbations and Improving Asthma Control in a Pragmatic Study in African American/Black (AA/B) and Hispanic/Latinx (H/L) Patients with Moderate-Severe Asthma (PREPARE). American Academy of Allergy, Asthma, and Immunology, Phoenix, AZ, 2022. (Oral)

Conference Talks and Abstracts – 2022 (Continued)

16. Chmieliauskaite M, Kaelber DC, Pinto A. Characteristics of Patients With Surgical Treatment for Trigeminal Neuralgia: A Large Population-based Study on 79 Million Patients. American Academy of Orofacial Pain, Boston, MA, 2022. (Poster)
17. Dalton J, Mourany L, Taksler G, Perzynski AT. Digital Twin Neighborhoods for Precision Population Health: Proof of Concept and Tutorial. Annual Meeting of the Society for Medical Decision Making, Seattle, WA, 2022.
18. Desai A, Pettit J, Halkiadakis P, Whiting B, Francis J, El-Abtah M, Kashkoush A, Kelly ML. The Impact of Antiplatelet and Anticoagulant Use on Intraoperative Blood Loss after Spinal Trauma. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, October 2022. (Poster)
19. Doty S, Pettit J, Francis J, Roach MJ, Gunzler D, Kelly ML. Multiple Injury Types in TBI and Their Association with Survival: A Poly-TBI Latent Class Analysis. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, October 2022. (Poster)
20. Douglas MD, Li C, Baltrus P, Mussington T, Dean L, Dougherty G, Gaglioti AH, et al. Comparing the Effect of County Structural Racism on Severe Maternal Morbidity in Black, Hispanic, and White Medicaid Enrollees. American Public Health Association Annual Meeting & Expo, Boston, MA, November 8, 2022.
21. El-Abtah M, Pettit J, McMillan A, Hu S, Finocchiaro R, Kashkoush A, Hunter K, Kelly ML. Prognosticators for Withdrawal of Care, Mortality, and Length of Stay in Patients with Diffuse Axonal Injury. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, October 2022. (Poster)
22. El Antably D, Tse W. Anti-synthetase Syndrome Presenting as Warm Autoimmune Hemolytic Anemia: Once in a Blue Moon Association. ACP oral presentation and selected as a top 3 quality of abstract, 2022
23. Eom K, Berg K, Joseph N, Runner K, Tarabichi Y, Khyami A, Perzynski A, Sossey-Alaoui K. Neighborhood and Racial Disparities in Triple Negative Breast Cancer. American Public Health Association Annual Meeting, Boston, MA, November, 2022. (Poster)
24. Francis J, Pettit J, Kashkoush A, Doty S, Kelly ML. Novel Application of Rotterdam CT Score to Withdrawal of Care Decision in Patients With Severe TBI. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, October 2022. (Poster)
25. Francis J, Pettit J, Kashkoush A, Doty S, Kelly ML. Predictors of Withdrawal of Care in Geriatric Patients With TBI: A GERI-TBI Multi-center Outcome Study. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, October 2022. (Poster)
26. Frantz E, Perzynski A, Wilson L, Piktel J. Effect Of Covid-19 Mitigation On Resource Utilization And Rates Of Acute Myocardial Infarction In Areas Of Higher And Lower

Conference Talks and Abstracts – 2022 (Continued)

- Socioeconomic Vulnerability. Resuscitation Science Symposium. *Circulation*, 146:A330, 2022.
27. Gaglioti AH, Li C, Baltrus P, Douglas MD, Caplan L, Josiah-Willock R, et al. Describing Spatial Access to Specialized Post-acute COVID-19 Care Centers in the United States. American Public Health Association Annual Meeting & Expo, Boston, MA, November 8, 2022.
 28. Gaglioti AH, Li C, Daniel A, Douglas MD, Josiah-Willock R, Immergluck LC, et al. Vaccinations Reduced Racial and Ethnic Disparities in COVID-19 Outcomes in Rural Counties. American Public Health Association Annual Meeting & Expo, Boston, MA, November 9, 2022.
 29. Gaglioti AH, Li C, Daniel A, Douglas MD, Josiah-Willock R, Immergluck LC, et al. Vaccinations Reduced Racial and Ethnic Disparities in COVID-19 Outcomes in Rural Counties. North American Primary Care Research Group Annual Meeting. Phoenix, AZ, November 20, 2022.
 30. Gaglioti AH, Snyder B, Templeton A, Blount MA, Potts Z, Hernandez E, et al. Engaging Primary Care Patients, Clinicians and Leaders to Guide Design and Implementation of Artificial Intelligence and Machine Learning Applications for AIM-AHEAD. AIM-AHEAD Annual Meeting, Fort Worth, TX, August 1, 2022. (Poster)
 31. Gunzler D, De Nadai A, Perzynski A, Dalton J, Berg K, Briggs F. A Novel Approach for Sensitivity Analyses and Validation for Mixture Models. Contributed Talk, Mental Health Statistics Section, Joint Statistical Meetings, Washington, DC, August 2022.
 32. Headrick L, Nagler A, Caron A, Jaeger J, Musik D. Lessons Learned from the Last Two Years: Creating Effective Mentorship Programs. American Association of Medical Colleges Webinar Series, September 2022.
 33. Hopkins J, Li C, Daniel A, Hall C, Heard R, Akintobi T, Gaglioti AH, et al. Employing a Collaborative, Participatory Approach to Survey COVID-19 Knowledge, Attitudes, Behavior And Life Experiences Among Racial/Ethnic Minorities and Other Socially Vulnerable Populations. American Public Health Association Annual Meeting & Expo, Boston, MA, November 7, 2022.
 34. Huml A, Berg KA, Perzynski AT, Sullivan C, Sehgal A. Barriers and Facilitators to Care for Patients with Failed Kidney Transplants. Annual American Transplant Congress, Boston, MA, June 2022.
 35. Kim-Mozeleski JE, Trapl E, Perzynski A, Tsoh J, Gunzler DD. Characterizing Food Insecurity Trajectories During the First Year of the Covid-19 Pandemic. Society for Behavioral Medicine, Baltimore, MD, 2022.
 36. Lad S, Khong B, Del Rincon J, Perzynski AT. Understanding Social Needs in Transgender Patients Receiving Care at MetroHealth, a Major Health System in Northeast Ohio. Society for Teachers of Family Medicine, New Orleans, LA, 2022.

Conference Talks and Abstracts – 2022 (Continued)

37. Misak, J. If We Build It, Will We Connect? Partnering Health Care and Social Care to Address Social Determinants of Health. Family Medicine Education Consortium Annual Meeting, Arlington, VA, September 17, 2022.
38. Mourany L, Taksler GB, Gunsalus PR, Perzynski AT, Dalton JE. A Mathematical Model for Inequality, Morbidity and Life Expectancy Estimation from Electronic Health Records. Annual Meeting of the Society for Medical Decision Making, Seattle, WA, 2022.
39. Oh Y, LeVine K, Reed E, Siff J, Papp J, Wilson L, Piktel J. Did COVID-19 Mitigation Affect the Accessibility and Usage of Emergency Department-Based Programs to Combat Opioid Use Disorder? American College of Emergency Physicians Research Forum, San Diego, CA, October 2022.
40. Olsen A, Friedl A, Kniely C, Khare S, Johnson E, Perzynski A, Makowski N. Dehydration Sensor: A Validity Study of a Novel Wearable Device v. Standard of Care. Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Baltimore, MD, 2022.
41. Olson A, Butsch SW, Seeholzer E, Lyons K, Watowicz R, Croniger C. Team-Based Learning Intervention to Improve Obesity Education in Medical School. Obesity Week, National Meeting of The Obesity Society. San Diego, CA. November 2022. *Obesity*, 30, S1, Poster 231. (Poster)
42. Olson A, Butsch SW, Seeholzer E, Lyons K, Watowicz R, Croniger C. Assessment of Obesity Education at CWRU School of Medicine. Poster for Obesity Week, national Meeting of The Obesity Society. San Diego, CA. November 2022 *Obesity*, 30, S1, Poster 232. (Poster)
43. Papp J, Reed E, Oh Y, LeVine K, Wilson L, Siff J, Piktel J. Evaluation of a Multi-Pronged Emergency Department-Based Approach to Reduce Subsequent Overdoses in a High-Risk Emergency Department Population of Opioid Users. American College of Emergency Physicians Research Forum, San Diego, CA, October 2022.
44. Pettit J, Kashkoush A, Stanley S, Kelly ML. Failure of Conservatively Managed Traumatic Vertebral Compression Fractures: A Systematic Review. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Las Vegas, NV, February 2022. (Oral)
45. Reed E, Siff J, LeVine K, Oh Y, Wilson L, Papp J, Piktel J. Using the Electronic Health Record to Identify Patients Presenting to the Emergency Department at Highest Risk for Subsequent Overdose. American College of Emergency Physicians Research Forum, San Diego, CA, October 2022.
46. Riley N, Kim E. Optimizing a Willow Ambulatory Transition for Prescribers. Expert Group Meeting, Epic Systems Corporation, Verona, WI, May 4, 2022.
47. Sasari S, Tse W, Wang J. Real-World Evidence of Incidence and Outcomes of Aplastic Anemia Following Administration of Immune Checkpoint Inhibitors.

Conference Talks and Abstracts – 2022 (Continued)

- American Society of Hematology Annual Meeting and Exposition, New Orleans, LA, December 10, 2022. (Oral)
48. Schrodel C, Nagler A, Williams E, Berson-Leung M, Caron A. Something for Everyone: How Continuing Professional Development (CPD) Can Advance Your Educational Goals. American Association of Medical Colleges Annual Meeting, Nashville, TN, November 13, 2022.
 49. Shaia J, DC Kaelber. A Descriptive Study of Diabetic Retinopathy Disparities Among Millions of Patients. Association for Research in Vision Conference, Denver, CO, 2022. (Poster)
 50. Sharpe M, Petitt J, Whiting B, Kashkoush A, Desai A, Halkiadikis P, Owens P, Nickell C, Kelly ML. Spine Trauma Template Implementation: What Factors Affect Standard Documentation Usage in an Academic Level 1 Trauma Center? Trauma Quality Improvement Program (TQIP) Annual Conference, Phoenix, AZ, December 2022. (Oral)
 51. Ye M, Kahana E, Perzynski AT, Deimling G. Differences in Health Trajectories Between Cancer Survivors and Noncancer Older Adults. Annual Meeting of the Gerontological Society of America, Indianapolis, IN, 2022.
 52. You J, Samal L, Leung T, Dharod A, Zhang H, Kaelber D, et al. Clinical Informatics Educators' Perceived Benefits and Barriers to Clinical Informatics Education During Residency. New England Regional Meeting of the Society of General Internal Medicine, Boston, MA, 2022. (Poster)
 53. You J, Samal L, Leung T, Dharod A, Zhang H, Kaelber D, et al. Forging New Pathways in Residency Training: Clinical Informatics. Annual Society of General Internal Medicine Conference, Orlando, FL, 2022. (Poster)

Regional

1. Berg KA, Fiegl JK, Einstadter D, Perzynski AT. Socioeconomic Disparities in Immuno-hematologic Risk in a Pediatric Analytic Cohort. Society for Longitudinal and Lifecourse Studies (SLLS) Annual Conference, Cleveland, OH, October 2022.
2. Bolen S, Roach MJ, Perzynski A, Fisher J, Love T, Caron A, Einstadter D, Gunzler D, De Luca S, Berg K. Center for Health Care Research and Policy Speed Rounds. Population Health Research Institute Seminar Series, The MetroHealth System, June 2022.
3. Eom K, Berg K, Joseph N, Runner K, Tarabichi Y, Khyami A, Perzynski A, Sossey-Alaoui K. Neighborhood and Racial Disparities in Triple Negative Breast Cancer. The Cancer Disparities Symposium, Cleveland, OH, 2022.
4. Eom K, Garcia C, Tousel P, Li B, Perzynski P, Joseph N. Promoting Breast Cancer Screening among Latinas in Cleveland: The Bringing Education Advocacy and

Conference Talks and Abstracts – 2022 (Continued)

Support Together (BREAST/Amigas) Program. The Cancer Disparities Symposium. Cleveland, OH, 2022.

5. Papp J. ED MOUD: A Roadmap to Success. Ohio's 2022 Opiate and other Drugs Conference, Columbus, OH, June 6, 2022.

Other Dissemination Activities

Other Dissemination Activities – 2022

1. Beverly E, Lammert L, Gawlik K, Seeholzer E, Lombard B, McAleer S (Team Best Practices contributing authors). Diabetes Distress: Screening Tools and Intervention Strategies. June 2022. <https://www.cardi-oh.org/assets/best-practices/lifestyle/Cardi-OH-Diabetes-Distress-Screening-Tools-and-Intervention-Strategies.pdf>
2. Bolen S. Served as moderator and primary care implementation expert on multiple Heart Healthy Ohio Initiative podcasts available at [Podcasts \(hearthealthyohio.org\)](https://hearthealthyohio.org). 2022.
3. Caron A. Quality Improvement in Clinical Practice: How to Tell Your Story. April, 2022. <https://www.cardi-oh.org/podcasts/10-Taking-Care-of-the-Heartland-Rural-Telehealth-during-COVID-19>
4. Caron A. Timely Follow-up in Team-Based Care for Cardiovascular Health Improvement. June, 2022. <https://hearthealthyohio.org/podcast-9-timely-follow-up-in-team-based-care-for-cardiovascular-health-improvement>
5. Caron A. Population Health Outreach: Replicable Best Practices to Improve Cardiovascular Health. July 2022. <https://hearthealthyohio.org/podcast-10-population-health-outreach-replicable-best-practices-to-improve-cardiovascular-health>
6. Caron A. Adaptive Leadership: An Essential Tool for Effecting Change. November 2022. <https://www.cardi-oh.org/podcasts/28-adaptive-leadership-an-essential-tool-for-effecting-change>
7. Caron A. Heart Healthy Ohio Initiative: A Year in Review. 2022. <https://youtu.be/f3yZyAuEzfo>
8. Caron A. MetroHealth Receives \$3 Million Grant to Recruit and Train Community Health Workers. October, 2022. <https://www.ideastream.org/news/metrohealth-receives-3-million-grant-to-recruit-and-train-community-health-workers>
9. Center for Reducing Health Disparities. Development of Dissemination Resource Guide with input from over 20 community partners; highlighting local and national multimedia resources for researchers to explore alternate channels of dissemination. 2022. <https://reducedisparity.org/>
10. Center for Reducing Health Disparities. Annual Research Collaboration Occasion held to join community partners and pilot awardees to develop dissemination

Other Dissemination Activities – 2022 (Continued)

- strategies including creation of Community Research Snapshots. February 2022. [Snapshots](#)
11. Center for Reducing Health Disparities. Community Spotlight Series continued with 5 additional interviews with community organizations about their ongoing handling of the pandemic. 2022. <https://reducedisparity.org/community/chrd-podcasts/>
 12. Center for Reducing Health Disparities. Point Blank Podcast episodes engaging community members in public health and health disparities. 2022. <https://soundcloud.com/user-684279875>
 13. Dolata J, Hood E. Blog and video featuring CRHD community connection to Vice President Kamala Harris to discuss how ACA impacted their lives 12 years later. March 2022. <https://reducedisparity.org/2022/03/31/crhd-takes-on-d-c/>
 14. Dolber T, Gawlik K, Seeholzer E, Lombard B, Stryker S (Team Best Practices contributing authors). Mental Health and Chronic Conditions: Treating the Whole Patient to Improve Self-Care. June 2022. <https://www.cardi-oh.org/assets/best-practices/lifestyle/Cardi-OH-Mental-Health-and-Chronic-Conditions-Treating-the-Whole-Patient-to-Improve-Self-Care.pdf>
 15. Mintz L. Disordered Eating in LGBTQ+ Communities: A Disparity Under the Surface. LGBT Center of Cleveland, 2022.
 16. Papp J. PCSS MAT waiver training. May 19, 2022. (Virtual)
 17. Seeholzer E. Podcast 7: Medications to Quit Smoking: Learning What Works and Troubleshooting Common Issues. Heart Healthy Ohio, March 2022. <https://hearthealthyohio.org/podcast-7>
 18. Vonder Meulen MB, Roche R, Seeholzer E, Gawlik K (Team Best Practices contributing authors). CAPSULE 28: Promoting a Healthy Diet With Food Label Education. <https://www.cardi-oh.org/assets/capsules/Cardi-OH-Capsule-28-Promoting-a-Healthy-Diet-With-Food-Label-Education.pdf>. November 2022.
 19. Vonder Meulen MB, Roche R, Gawlik K, Seeholzer E (Team Best Practices contributing authors). Addressing Health Literacy and Numeracy: A Focus on Nutrition. November 2022. <https://www.cardi-oh.org/assets/best-practices/lifestyle/diet/Cardi-OH-Addressing-Health-Literacy-and-Numeracy-a-Focus-on-Nutrition.pdf>.

Honors, Awards, Milestones, and Promotions

Honors, Awards, Milestones, and Promotions – 2022

Bolen, S

- Promoted to Full Professor, School of Medicine, Case Western Reserve University, 2022.
- Awarded the Alfred F. Connors Sr. Health Services and Population Health Research Professorship, November, 2022.
- Publication chosen for a national webinar as one of the best implementation science papers in 2021 by JGIM.
 - Bolen SD, Love TE, Einstadter D, Lever J, Lewis S, Persaud H, Fiegl J, Liu R, Ali-Matlock W, Bar-Shain D, Caron A, Misak J, Wagner T, Kauffman E, Cook L, Hebert C, White S, Kobaivanova N, Cebul R. Improving Regional Blood Pressure Control: a Positive Deviance Tiered Intensity Approach. *J Gen Intern Med.* 2021 Jun;36(6):1591-1597. doi: 10.1007/s11606-020-06480-z. Epub 2021 Jan 26. PMID: 33501526; PMCID: PMC8175516.

Caron, A

- Recipient, Population Health Research Institute Community Partnership Award, The MetroHealth System, February, 2022.

Davis Bellamy, K

- Crains 40 Under 40, November, 2022.

De Luca, S

- Promoted to Associate Professor of Psychiatry, School of Medicine, Case Western Reserve University, 2022.

Gaglioti, A

- Appointed Associate Professor, Tenure Track, School of Medicine, Case Western Reserve University and The MetroHealth System, November, 2022.

Kaelber, D

- Crain Cleveland's Notable Executives in Technology, 2022

Mintz, L

- AMA Inspiration Award, 2022
- CWRU School of Medicine Gender Equity Award, 2022

Papp, J

- Cleveland Magazine, Cleveland 500 (Healthcare), 2022

Honors, Awards, Milestones, and Promotions – 2022 (Continued)

Tarabichi, Y

- Promoted to Associate Professor, School of Medicine, Case Western Reserve University, 2022.
- Medical Director, Virtual Care Enterprise, MetroHealth, Cleveland, OH

Research Trainees

POPULATION HEALTH RESEARCH INSTITUTE
RESEARCH TRAINEES – 2022

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Bar-Shain, David					
Eric Kim, MD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director
Katherine Liang, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director
Kiron Nair, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director
Devereaux Sellers, MD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director, Fellowship Advisor, and Research Mentor
Berg, Kristen					
Amjed Alsulaily	MPH	2021-Pres	Annual Wellness Visit Improvement for Limited English Proficiency Patients	MPH Student, Case Western Reserve University	Research Mentor, Capstone Committee
Bolen, Shari					
† David Hu	MD	2020-2022	Food as Medicine Clinic Evaluation	Medical Student, Case Western Reserve University	Research Mentor
† Anna Cherian, RD, LD	MD	2020-2022	Food as Medicine Clinic Evaluation	Medical Student, NEOMED	Research Mentor
Saima Karim, MD	N/A	2021-Pres.	Disparities in Identification and Management of A. Fib.	Cardiologist, The MetroHealth System	Career Mentor
Kirsten Eom, PhD	N/A	2021-Pres.	Population Health Focused Cancer Research	Postdoc fellow; Case Western Reserve University	Career Mentor

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
† Anirudh Prabu	MD	2022-Pres.	Quality improvement and disparity reduction	Medical Student, Case Western Reserve University	Research Mentor
Caron, Aleece					
Christine Alexander, MD	N/A	2021-Pres	Developing HRSA grants(various)	Provider, The MetroHealth System	Faculty Mentor
Jayne Barr, MD	N/A	2020-Pres.	Development of Primary Care Track for Underserved Populations	Internal Medicine, The MetroHealth System	Faculty Mentor
Prakash Ganesh, MD	N/A	2022-Pres.	Developing a M-Pox ECHO Series	Provider, Neighborhood Family Practice	Faculty Mentor
Nancy Li, MD	N/A	2020-Pres.	Improving Cervical Cancer Screening for Refugees	Neighborhood Family Practice; PCTE Champions HRSA Grant	Faculty Mentor
Christina Randolph, MD, MPH	N/A	2022- Pres.	N/A	Population Health Research Institute Fellow, The MetroHealth System	Fellowship Co-Director
Sarah Sweeney, MD	N/A	2022-Pres.	N/A	Population Health Research Institute Fellow, The MetroHealth System	Fellowship Co-Director
De Luca, Susan					
Emily Miller, MSW	PhD	2022-Pres.	Integrated Behavioral Health and Primary Care for Comorbid Behavioral and Medical Problems	Doctoral Student, Case Western Reserve University	Faculty Mentor
Kari O'Donnell, MSW	PhD	2022-Pres.	Integrated Behavioral Health and Primary Care for Comorbid Behavioral and Medical Problems	Doctoral Student, Case Western Reserve University	Faculty Mentor
Christina Randolph, DO, MPH	N/A	2022-Pres.	Adverse Childhood Experiences and Suicide Risk	Population Health Research Institute Fellow, The MetroHealth System	Faculty Mentor
Einstadter, Douglas					
Jack McDonnell, MD	MS	2019-Pres.	Role of Social Determinants in Ohio's Infant Mortality Problem	Fellow, Allergy and Immunology, Cleveland Clinic	Faculty Advisor
Saima Karim, MD	N/A	2021-Pres.	Disparities in Identification and Management of A. Fib.	Cardiologist, The MetroHealth System	Research Mentor

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Greco, Peter					
Eric Kim, MD, PhD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics; Faculty Mentor
Devereaux Sellers MD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Katherine Lian, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Kiron Nair, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Gunzler, Douglas					
Alessandro de Nadai, PhD	N/A	2019-Pres.	Developing New Measures for Assessing Mixture Models	Assistant Professor, Department of Psychology, Texas State University	Research Mentor
Elina Misicka	PhD	2019-2022	Establishing the Causal Relationships Between Cardiometabolic Factors on Multiple Sclerosis Risk, Presentation, and Progression	PhD Student, Department of Population and Quantitative Health Sciences, Case Western Reserve University	Dissertation Committee Member
Kakul Joshi, MPH	PhD	2020-2022	Food Banking During COVID-19: Understanding Food Sourcing, Quality and Factors Influencing Healthier Food Inventory	PhD Student, Department of Population and Quantitative Health Sciences, Case Western Reserve University	Dissertation Committee Member
†† Abhishek Bhardwaj, MD, FACP	MS	2020-2022	Unknown	Master's in Clinical Research Program student, CRSP Program, Case Western Reserve University	Research Mentor
†† Ryan Nazemian, MD	PhD	2021-2022	Monitoring Nitric Oxide Bioactivity, Tissue Oxygenation and Blood Flow in Neurologically-Deceased (DNC) Organ Donors	PhD Student, Clinical Translational Science, CRSP Program, Case Western Reserve University	Dissertation Committee Chairperson
Kyaw Hla, MD	MS	2021-Pres.	Unknown	Master's in Clinical Research Program	Faculty Advisor

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
				student, CRSP Program, Case Western Reserve University	
Roders-Melnick, Sam	PhD	2022-Pres.	Developing Real-world Understanding of Medical Music therapy using the Electronic health Record (DRUMMER) F31 Application	PhD Student, Clinical Translational Science, CRSP Program, Case Western Reserve University	F31 Mentor
Iyer, Jay	SB	2022-Pres.	Predictors of Progressive Supranuclear Palsy Rating Scale (PSPRS) progression using Concomitant Medications	Undergraduate Student, Harvard University	Research Mentor
Kaelber, David					
Fang Zhao, MD, PhD	Certificate in Clinical Informatics	2020-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Ruba Hossain, MD	Certificate in Clinical Informatics	2020-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Eric Kim, MD, PhD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Devereaux Sellers, MD, MBA	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Dipak Upadhyaya	PhD in Biomedical and Health Informatics	2021-Pres.	EHR Data Modeling Predictions	CWRU BHI PhD Student	Research Mentor
† Jane Hinckle	MD	2020-Pres.	Using Big Data for Discover	CWRU Medical School Student	Research/Thesis Mentor
Kelly, Michael L.					
Ahmed Kashkoush, MD	N/A	2020-2022	Novel Application of the Rotterdam CT Score in the Prediction of Intracranial Hypertension Following Severe Traumatic Brain Injury	Cleveland Clinic PGY4 Neurosurgery Resident	Research Advisor

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
† Jordan Pettit	MD	2020-2022	Failure of Conservatively Managed Traumatic Vertebral Compression Fractures	Case Western Reserve University Medical School Student	Research Advisor
† John Francis	MD	2021-2022	Bowel and Bladder Function Recovery in Acute Spinal Cord Injury	Case Western Reserve University Medical School Student	Research Advisor
† Samuel Doty	MD	2021-2022	Multiple Injury Types in TBI and Their Association with Survival: a Poly-TBI Latent Class Analysis	Case Western Reserve University Medical School Student	Research Advisor
† Mohamed El-Abtah	MD	2021-2022	Diffuse Axonal Injury Pattern Predicts Timing of In-Hospital Neurological Recovery	Case Western Reserve University Medical School Student	Research Advisor
Love, Thomas					
Samuel Rodgers-Melnick MPH, MT-BC	PhD	2022-2026	Developing Real-World Understanding of Medical Music Therapy using the Electronic Health Record (DRUMMER)	Music Therapist, University Hospitals	Member, Dissertation Committee
Stephanie Merlino Barr MS, RDN, LD	PhD	2021-2023	Examining the Relationship of Malnutrition in Pre-term Infants to Critical Clinical Outcomes	RN / LD, The MetroHealth System	Chair, Dissertation Committee
Roberto Martinez, MS	PhD	2019-2024	Implementation Science and Generalizing the FreshLink Ambassador Program	Interim Health Equity Director, Public Health Division at New Mexico Department of Health	Member, Dissertation Committee
Mintz, Laura					
Alyson Auriemma	MD	2019–Pres.	LGBT Medical School Inclusion Project and Medical School Implicit Bias Survey	Case Western Reserve University School of Medicine	Research Mentor
Guangjin Zhou	PhD	2019–Pres.	HIV and Cancer Disparities	Case Western Reserve University School of Medicine	Dissertation Committee Member
Nicole Ducich	MD	2019–Pres.	LGBT Medical Education Inclusion Project	Case Western Reserve University School of Medicine	Research Mentor
Amber Estes	MD	2019–Pres.	LGBT Medical Education Inclusion Project	Case Western Reserve University School of Medicine	Research Mentor
Erin Walsh	MD	2020-Pres.	Leadership In Medicine	The MetroHealth System	Research Mentor

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Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Ava Adler	BS	2021-2022	Inclusive Primary Care Pre-Med Rotation	The MetroHealth System	Pre-med rotation, Mentor
Ruthy Amkraut	MD	2022-Pres.	SGM Disparities Research TBD	Case Western Reserve University School of Medicine	Research Mentor
Perzynski, Adam					
Ann Huml, MD	N/A	2011-Pres.	Kidney Transplantation Health Disparities	Nephrologist, University Hospitals, Researcher, The MetroHealth System	Research Mentor
Bode Adebambo, MD	N/A	2012-Pres.	Health Disparities Education and Research	Attending Physician in a Faculty Development Program at The MetroHealth System	Career and Research Mentor
Mia Wang	MPH	2020-Pres	Social Needs Screening in a Women's Health Clinic	MPH Student, Case Western Reserve University	Research Mentor/Capstone Committee
Minzhi Ye	PhD	2020-Pres	The Long-term Effect of Cancer on the Health Among Elderly Cancer Survivors	PHD Student, Case Western Reserve University Sociology	Research Mentor/Dissertation Committee
Abolade Oladimeji	PhD	2019-Pres.	Neighborhood Influences on Sleep Quality	PHD Student, Case Western Reserve University Sociology	Research Mentor/Dissertation Committee
† Kaelynn Workman	MPH	2020-Pres	Education of Long-Term Care and Skilled Providers on COVID-19 Care and Prevention	MPH Student, Case Western Reserve University	Research Mentor/Capstone Committee
† Amelia Clarke	MD	2020-Pres	Evaluation of a Structural Competency Educational Intervention for Medical Students	Medical Student, Case Western Reserve University	Research Mentor
Christina Randolph, MD	Post-grad	2022-Pres.	Pediatric Vaccination Hesitancy	Population Health Research Institute Research Fellow, The MetroHealth System	Research Mentor
† Saloni Lad	MD	2021-Pres.	Social Determinants of Health among Transgender Patients	Medical Student, Case Western Reserve University	Research Mentor/Thesis Chair
Andrew Olsen, MD	N/A	2021-Pres.	Validation of a Wrist Worn Hydration Monitoring System	Resident, PM&R, The MetroHealth System	Research Mentor
Sarah Sweeney, MD	Post-grad	2022-Pres.	Community Gun Violence Prevention	Population Health Research Institute Research Fellow, The MetroHealth System	Research Mentor

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Kirsten Eom, PhD	N/A	2021-Pres.	Cervical Cancer Screening in Underserved Populations	Postdoctoral Fellow, The MetroHealth System	Research Mentor
Amy Hodik	MPH	2022-Pres.	Reproductive Health of Adolescent Boys	MPH Student, Case Western Reserve University	Research Mentor/Capstone Committee
Riley, Nicholas					
Eric Kim, MD, PhD	Certificate in Clinical Informatics	2021-Pres.	To be determined	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
Devereaux Sellers, MD, MBA	Certificate in Clinical Informatics	2021-Pres.	To be determined	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
Katherine Li Liang, MD	Certificate in Clinical Informatics	2022-Pres.	To be determined	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
Kiron Nair, MD	Certificate in Clinical Informatics	2022-Pres.	To be determined	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
Roach, Mary Jo					
Lauren Dicavo, MD	N/A	2022	Evaluation of Disability Flag in the Electronic Health Record	PM & R Resident, The MetroHealth System	Research Advisor
† Mohamed El-Abtah	MD	2021-Pres.	County Level Differences in Traumatic Brain Injuries Within a Regional Trauma System in North Ohio	Medical Student, Case Western Reserve University	Research Advisor
† Jack Zio	MD	2021-Pres.	Aging and Traumatic Brain Injury	Medical Student, Case Western Reserve University	Research Advisor
† John Francis	MD	2021-Pres.	Bowel Improvement from Admit to Discharge from Acute Rehabilitation	Medical Student, Case Western Reserve University	Research Advisor
† Samuel Doty	MD	2021-Pres.	Health Literacy and Spinal Cord Injury Outcomes	Medical Student, Case Western Reserve University	Research Advisor

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Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Seeholzer, Eileen					
Jayne Barr, MD	NA	2021-2022	Development and Launch of Primary Care Internal Medicine Residency Program	Internal Medicine, Champions HRSA Grant	Faculty Mentor
Harrine Ramesh	MD	2020-2023	STRIDES Program Outcomes and Participant Satisfaction. Intensive Behavioral Lifestyle Intervention	Case Western Reserve University School of Medicine	Faculty Mentor
Amber Olson	MD	2021-Pres.	Incorporating and Addressing Obesity Medicine Content, Issues, and Ethics across the Medical School Curriculum	Case Western Reserve University School of Medicine	Faculty Mentor
Katherine Lyons, MD	N/A	2019-2022	Development and Launch of Obesity Medicine Fellowship	Internal Medicine MetroHealth, PCTE HRSA Grant	Faculty Mentor
Meredith Pressnell, RN, APRN	ND	2020-2022	The Effect of Continuity of Obesity Medicine Care on Post-Bariatric Surgical Weight Loss	Internal Medicine, The MetroHealth System; University of Akron ND candidate	Faculty Mentor
Raman Kimpuri, MD	N/A	2021-2022	Can a Social Media Initiative for Primary Providers Reduce Bias about Persons with Obesity?	Addiction Medicine Fellowship, Champions HRSA Grant	Faculty Project and Clinical Mentor
Sonya Dhanvanthari, MD	N/A	2021-2022	Can a Social Media Initiative for Primary Providers Reduce Bias about Persons with Obesity?	Obesity Medicine Fellowship, Champions HRSA Grant	Faculty Project and Clinical Mentor
Madeline Garb	MD	2022	Assessment before and after and change in micronutrient levels in bariatric surgery patients	Case Western Reserve University School of Medicine	Faculty Project Mentor
Munirah Bamrah, MD	N/A	2022-2023	Feasibility and Epic Pilot for providing individualize healthy eating and active living counseling for Spanish speaking primary care patients	Champions HRSA Grant	Faculty Project Mentor
Siff, Jonathan					
Rubayet Hossain, MD	Certificate in Clinical Informatics	2020-2022	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Fang Zhao, MD	Certificate in Clinical Informatics	2020-2022	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Devereaux Sellers, MD, MBA	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Eric Kim, MD, PhD	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Kiron Nair, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Katherine Liang, MD	Certificate in Clinical Informatics	2022-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Charles Ebersbacher, MD	N/A	2021-Pres.	Studying the Prognostic Value of Novel Biomarkers (Monocyte Distribution Width) in Patients with Diabetic Ketoacidosis	Internal Medicine, The MetroHealth System	Research Mentor
Asthen Gibson, MD	N/A	2021-Pres.	Studying the Ability of Novel Cell Markers (Monocyte Distribution Width) to Identify Bacterial Infection in Patients with Diabetic Ketoacidosis	Internal Medicine, The MetroHealth System	Research Mentor
Tarabichi, Yasir					
Charles Ebersbacher, MD	N/A	2021-Pres.	Studying the Prognostic Value of Novel Biomarkers (Monocyte Distribution Width) in Patients with Diabetic Ketoacidosis	Internal Medicine, The MetroHealth System	Research Mentor
Asthen Gibson, MD	N/A	2021-Pres.	Studying the Ability of Novel Cell Markers (Monocyte Distribution Width) to Identify Bacterial Infection in Patients with Diabetic Ketoacidosis	Internal Medicine, The MetroHealth System	Research Mentor
Rubayet Hossain, MD	Certificate in Clinical	2020-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics

* KL2 Scholar † Medical Student †† CRSP Scholar

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
	Informatics				
Fang Zhao, MD	Certificate in Clinical Informatics	2020-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Devereaux Sellers, MD, MBA	Certificate in Clinical Informatics	2021-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Thornton, J. Daryl					
Christine Smothers	PhD	2021-Pres.	Evaluating the Diagnostic Performance of Stroke Recognition Tools Across Racial Groups	Bolton School of Nursing	Co-Mentor
Katherine Slain, DO	N/A	2019-Pres	Social Factors Predictive of Intensive Care Utilization in Technology-Dependent Children	Pediatric Critical Care Medicine, UH Rainbow Babies & Children's Hospital	Co-Mentor
Logan Harper, MD, MS	PhD	2018-Pres	Improving Black Sarcoidosis Patients' Care with a Collaboratively Developed, Patient-Centered Program	Cleveland Clinic Foundation, K23 NHLBI	Co-Mentor

* KL2 Scholar † Medical Student †† CRSP Scholar

Courses and Lectures Delivered

Courses, Course Lectures, and Workshops Delivered – 2022

A. CWRU School of Medicine	PHRI Course Director or Lead	Other PHRI Lecturers
Block One: Becoming a Doctor	D. Einstadter	D. Kaelber
Block Three: Food to Fuel: 1) Mechanisms of Bariatric Surgery, Lecture and Patient Interview; 2) Team-Based Group Learning Intervention to Improve Obesity Education in Medical School		E. Seeholzer
Evidence Based Medicine – Physician Assistant Program	D. Einstadter	
Medical School Year 3 Curriculum: Science and Art of Medicine		S. Sweeney
MPHP 441: Climate Change and Health	A. Sehgal	K. Berg
MPHP 482: Qualitative and Mixed Methods in Public Health	A. Perzynski K. Berg	
Population Health Elective	A. Caron	
B. CWRU School of Graduate Studies		
CRSP 401: Introduction to Clinical Research	D. Einstadter	D. Gunzler D. Kaelber S. Lewis A. Perzynski
CRSP 406: Introduction to R Programming	S. Lewis	
CRSP 413: Communication in Clinical Research		T. Love
PHQS 416: Computing in Biomedical and Health Informatics	D. Kaelber	
PQHS 431 / CRSP 431: Statistical Methods, I	T. Love	
PQHS 432 / CRSP 432: Statistical Methods, II	T. Love	
PQHS 500 / CRSP 500: Observational Studies	T. Love	
C. CWRU Weatherhead School of Management		
HSMC 425: Dialogues in Healthcare Management		D. Kaelber

Courses, Course Lectures, and Workshops Delivered – 2022 (Continued)

D. Cleveland Clinic Lerner College of Medicine

Introduction to Clinical Research, Cleveland Clinic Lerner College of Medicine: Disparities, Inequities, and the Social Determinants of Health. March 10, 2022, Cleveland, OH. K. Berg

E. Other External Courses, Course Lectures and Workshops Delivered

An Introduction to Structural Equation Modeling for Longitudinal and Life Course Research. Full day workshop at 2022 Society for Longitudinal and Lifecourse Studies (SLLS) International Conference, Cleveland, OH, October, 2022. K. Berg
D. Gunzler
A. Perzynski

Select Internally Unfunded Collaborative Projects

Select Internally Unfunded Collaborative Projects – 2022

Name of Project/Activity	Brief Description of Project/Activity	How this Contributes to PHRI Vision/Mission?	PHRI Leads and Investigators
MH COVID-19 Registry	In partnership with hospital clinical teams, medical students and other trainees a team of researchers developed an MHS research registry of COVID-19 patients compatible with (and contributing to) international collaborations, most notably the VIRUS Registry being coordinated by the Society for Critical Care Medicine. The team also contributed to one of the first automated data approaches for extraction, transformation and sharing of EHR data on COVID-19 patients. More than 65,000 patients at >300 international sites are participating. The first publication acknowledging MetroHealth’s participation is available and more than 15 consortium papers have been published in the past year: doi: 10.1097/CCM.0000000000004879	This project involved coordination and collaboration between legal and IRB representatives, critical care and infectious disease clinicians, informatics personnel, EHR data experts and researchers.	Tarabichi & Perzynski (PI’s), Lewis, Wang, Kotekal, Einstadter, Roy, Kumar
Disparities in Cardiology and Electrophysiology Referral for Patients with Atrial Fibrillation	Atrial fibrillation is associated with significant symptoms affecting quality of life. Prior studies have identified disparities in the treatment of atrial fibrillation associated with race and sex. This study will assess the association between race, sex and insurance status and the rate of anticoagulation and referral to Cardiology and Electrophysiology for people with atrial fibrillation.	This project involved coordination between Cardiology, and population health to better describe and understand potential disparities in treatment of patients with atrial fibrillation at MetroHealth	Einstadter (PHRI), Karim (Cardiology)
Comparative cohort study to define continuity of care for patients	Retrospective study of patients with established diagnoses of Multiple Sclerosis who receive care at MetroHealth. The study will aim to	This project involves coordination between PHRI, Pulmonology, and collaborators in Finland and will help delineate the	Einstadter (PHRI), Gunzler (PHRI), Sivak (Pulmonology)

Select Internally Funded Collaborative Projects – 2022 (Continued)

with Multiple Sclerosis	describe the patient journey from onset of symptoms to the current time.	clinical course of patients with MS. The goal is to describe the “patient journey” associated with a chronic disease.	
Depressive Symptom Trajectories Among People Living with HIV in a Collaborative Care Program	Clinicians and residents collaborated with PHRI investigator to conduct a latent class growth analysis to identify clusters of patients in a collaborative care program at MetroHealth with similar depressive symptom trajectories of change over time.	This project involved coordination between data analysts and clinicians all seeking to better describe and understand how MetroHealth can help to meet the needs of our patients with comorbid HIV and mental health symptoms.	Gunzler (PHRI lead), Avery, Bitar
Multiple Injury Types in TBI and Their Association with Survival: a Poly-TBI Latent Class Analysis	Clinicians and residents collaborated with PHRI investigators to conduct a latent class analysis to identify clusters patients with traumatic brain injury of multiple injury types at MetroHealth.	This project involved coordination between social scientists, data analysts and clinicians all seeking to better describe and understand how MetroHealth can help to meet the needs of our patients who have suffered TBI.	Gunzler (PHRI lead), Roach, Kelly, Doty

Service Roles

Service Roles – 2022

National/International

Bar-Shain, D

American Academy of Pediatrics, Member, Peer Reviewer for Scientific Program, 2021-present

American Medical Informatics Association. Member, Peer Reviewer for Scientific Program, and Question Writer for the Clinical Informatics Fellowship In-Service Exam, 2019-present

Epic Systems Corporation

- Member, Epic Primary Care Pediatrics Steering Board, 2016-present
- Member, Immunization Scheduling Experts Discussion Group, 2016-present
- Chairman and Founder, Epic Physician's Advisory Council Mentorship Program, 2019-present
- Member, Health Maintenance Brain Trust, 2019-present
- Member, Epic Children's Health Leadership Council, 2019-present

Berg, K

Society for Medical Decision Making. Member, 2017-present

Gerontological Society of America. Member, 2018-present

- Abstract Reviewer, 2020-present

Society for Social Work and Research. Member, 2017-present

Society for the Study of Social Problems. Member, 2014-present

Ad Hoc Reviewer

- *Journal of Family Violence*, 2021-present
- *Journal of Family Social Work*, 2017-present
- *Trauma, Violence, and Abuse*, 2017-present
- *PLOS ONE*, 2019-present
- *International Journal of Environmental Research and Public Health*, 2019-present
- *Behavioral Sciences*, 2019-present
- *Journal of Autism and Developmental Disabilities*, 2020-present
- *Child and Family Social Work*, 2020-present
- *American Journal of Community Psychology*, 2020-present

NIH Child Health and Human Development (NICHD) Special Emphasis Panel: CAPSTONE Centers for Multidisciplinary Research in Child Abuse and Neglect (P50 Clinical Trial Optional) Study Section. Scientific Ad Hoc Reviewer, 2022

Resilience and Strengths-Based Research Special Interest Group (SIG), Society for the Study of Social Work Research, 2021-present

Service Roles – 2022 (Continued)

Bolen, S

Society of General Internal Medicine. Member, 2001-present

- Member, Abstract Review Committee, 2010-present

Reviewer

- *Journal of General Internal Medicine*, 2013-present

Centers for Disease Control and Prevention

- Hypertension Roundtable Member, 2019-present

Caron, A

Agency for Healthcare Research and Quality. Scientific Reviewer, Health Information and Technology Research Study Section, 2019-present

Association of American Medical Colleges (AAMC)

- Organizational Representative, Group on Faculty Affairs, 2021-present
- Scientific Abstract Reviewer, Learn Serve Lead Review Committee, 2018-present

Harvard Macy Institute

- Health Professions Education Program, Invited Faculty, 2020-present
- Leading Health Innovations, Invited Faculty, 2021-present

Reviewer

- *Nature Medicine*, 2021-present
- *Journal of Geriatric Emergency Medicine*, 2021-present

Davis Bellamy, K

American Public Health Association

- Councilor, School Health and Wellness Section, 2020-present
- Member, Public Health Nursing Section, 2020-present

School Based Health Alliance. Member, 2012–present

Association of Public Health Nurses. Member, 2019-present

Reviewer

- *Journal of School Nursing*, 2020–present

De Luca, S

National Institutes of Health

- NIH Loan Repayment Ambassador
- Grant reviewer, Center for Scientific Review (CSR), NIMH Clinical Trials
- Grant reviewer, Center for Scientific Review (CSR), Women's Health Workgroup
- Grant reviewer, Institutional Suicide Prevention Reviewer, Independent Scientific Peer Review Panel (ISPRP) for Military Suicide Research Consortium (MSRC)

Reviewer

- *Suicide and Life threatening Behavior*
- *Children and Youth Services Review*

Einstadter, D

Society of General Internal Medicine. Member, 1990-present

Service Roles – 2022 (Continued)

- National Meeting Abstract Reviewer

American College of Physicians. Fellow, 2000-present

Eom, K

Society for Medical Decision Making. Member, 2020-present

AcademyHealth. Member, 2017-present

- Abstract Reviewer, 2021-present

American Society of Preventive Oncology. Member, 2017-present

American Public Health Association, 2022-present

- Cancer Forum, Membership Co-Chair, 2022-present

Ad Hoc Reviewer

- *Society for Medical Decision Making*, 2020-present
- *Preventive Medicine*, 2017-present
- *BMC Health Services research*, 2022-present
- *Behavioral Medicine*, 2022-present
- *Preventing Chronic Disease*, 2022-present

Fiegl, J

American Statistical Association. Member, 2020-present

Gaglioti, A

North American Primary Care Research Group. Member

- Governance Committee Member, 2020-present

American Public Health Association. Member

National Roundtable of Primary Care Research Centers. Member, 2019-present

National Academies of Sciences, Engineering, and Medicine. NASEM Panel Participant:
“Accelerating the Use of Findings from Patient-Centered Outcomes Research in
Clinical Practice to Improve Health and Health Care: Workshop #2” June 17, 2022

Reviewer

- *Journal of the American Board of Family Medicine*
- *Journal of Health Care for the Poor and Underserved*
- *Journal of Rural Health*
- *Journal of Rural Mental Health*
- *Journal of Primary Care & Community Health*
- *Preventing Chronic Disease*
- *Annals of Family Medicine*
- *Journal of Public Health Management and Practice*
- *Health Equity*
- *Health & Place*
- *Health Security*

Greco, P

Epic Systems Corporation. Member, Physician Advisory Council, 1998-present

Service Roles – 2022 (Continued)

Siemens Healthineers. Member, Imaging Learning Network, 2017-2022

American College of Physicians. Fellow, 2011-present

Gunzler, D

American Statistical Association. Member, 2005-present

- Chair 2024 in Mental Health Statistics Section, 2022-2025
- Reviewer of papers, Mental Health Statistics Section student paper award, Joint Statistical Meetings, 2014-present
- Member, Sections in Health Policy Statistics, Mental Health Statistics, Social Statistics and Statistics in Epidemiology, 2011-present

National Institutes of Health (NIH)

- Center for Scientific Reviews (CSR). Kidney Endocrine and Digestive Disorders (KEDD) Study Section. Peer Reviewer, August-October 2022.
- National Institute on Drug Abuse (NIDA). Accelerating the Pace of Drug Abuse Research Using Existing Data (R01 Clinical Trial Optional). Peer Reviewer, April-June 2022.

Association for Clinical and Translational Research. Member, 2013-present

- Member, Biostatistics, Epidemiology, and Research Design Special Interest Group (BERD SIG), 2018-present

Clinical and Translational Science Awards Program

- Representative at Case Western Reserve University, Methods and Processes Domain Task Force, 2018-present

The Gerontological Society of America. Member, 2018-present

Peer Reviewer

- *Qeios*
- *Journal of the Association of Nurses in AIDS Care*
- *Contemporary Clinical Trials Communication*

Ho, V

Surgical Infection Society. Chair, Diversity and Inclusion Committee

Coalition for National Trauma Research. Chair, Equity, Diversity and Inclusion Committee

American Association for the Surgery of Trauma. Vice Chair, Geriatric Trauma/ACS Committee

Surgical Infections. Member, Editorial Board

Social Media. Associate Editor

Kaelber, D

Epic Corporation

- Member, Aggregate Data Program Governing Body, 2018-present
- Member, Cosmos User Group, 2018-present
- Member, Governance and Delivery Council, 2020-present
- Member, Payor Platform Council, 2020-present

Service Roles – 2022 (Continued)

- Member, Telehealth Council, 2020-present

American Academy of Pediatrics

- Member, Child Health Informatics Center Project Advisory Committee, 2018-present
- Member, Subcommittee on the Evaluation and Management of High Blood Pressure in Childhood, 2014-present
- Abstract Reviewer, Council on Clinical Information Technology, 2013-present

Multi-State EHR-Based National Disease Surveillance (MENDS). Member, Advisory Group, 2019-present

Doximity Telehealth. Member, Advisory Board, 2020-present

American Medical Informatics Association. Scientific Program Reviewer, 2008-present

Health IT Summit. Co-Chair, Midwest Summit, 2019-present

Healthcare Information and Management Systems Society (HIMSS)

- Electronic Medical Record Adoption Model (EMRAM) Stage 7 Site Reviewer, 2015-present
- EMRAM Working Group, 2020-present

KLAS. Healthcare Information Technology Reviewer, 2009-present

Med-Peds Journal. Founding Editorial Board Member, 2020-present

Journal Peer Reviewer for over 35 different PubMed referenced journals

Kelly, M

World Neurosurgery. Neurotrauma Section Editor, 2015-present

Journal of Spinal Cord Medicine. Reviewer, 2017-present

Neurological Research. Reviewer, 2018-present

Neurosurgery. Reviewer, 2022-present

Lewis, S

American Public Health Association. Member, 2018-present

Love, T

The American Statistician. Associate Editor, 2005-present

Agency for Healthcare Research and Quality (AHRQ). Standing Member, AHRQ Health Care Research Training (HCRT) Scientific Review Group (Study Section), 2018-2022

Post-Acute Sequelae of SARS-COV-2 Infection (PASC) Initiative. Reviewer, 2021

Mintz, L

American College of Physicians. Member, 2015-present

American Academy of Pediatrics. Member, 2015-present

World Professional Association for Transgender Health. Member, 2015-present

American Academy of HIV Medicine. Member, 2019-present

Center for Aids Research. Member, Inter-CFAR Transgender Work Group, 2021-present

Service Roles – 2022 (Continued)

Misak, J

American Academy of Family Physicians. Member, 1986-present

Perzynski, A

Medical Decision Making. Member, Editorial Board, 2012-present

PLOS One. Academic Editor, *Medical Sociology*, 2019-present

Medical Decision Making Policy and Practice. Member, Editorial Board, 2015-present

Grant Proposal Reviewer. 2022-present, Office of Minority Health

Ad Hoc Scientific Publication Review

- *Health Affairs*, 2019-present
- *British Medical Journal*, 2019-present
- *Journal of Health Disparities Research and Practice*, 2016-present
- *Journal of Racial and Ethnic Health Disparities*, 2015-present
- *Health Services and Outcome Research Methodology*, 2011-present
- *Preventive Medicine*, 2008-present
- *The Gerontologist*, 2002-present
- *Journal of the American Medical Informatics Association*, 2020-present
- *Journal of Family Practice*, 2021-present

Connect Your Community Institute. Founding Board Member, 2017-present

Riley, N

American Academy of Family Physicians. Member, 2014-present

American Medical Informatics Association. Member, 2010-present

- Fellow, 2021-present
- Scientific Program Reviewer, 2018-present

National Research Network on EHR Audit Log Data. Member, 2018-present

Siemens Healthineers

- Member, Imaging Learning Network, 2017-present
- Member, Imaging Learning Builder's Network, 2021-present

Roach, MJ

Cross Model Systems SDOH Working Group. Member, 2019-present

Ad Hoc Reviewer

- *Medical Decision Making*, 2015-present
- *Achieves PM&R*, 2016-present
- *Topics in Spinal Cord Injury*, 2016-present

Seeholzer, E

The Obesity Society (formerly North American Association for the Study of Obesity–NAASO). Member, 2000-present

- Appointed Member, Membership Committee, 2017-2022
- Scientific Abstract Reviewer, 2012-present

Obesity Action Council. Member, 2016-present

Service Roles – 2022 (Continued)

Obesity Medicine Fellowship Council, Program Director Member, 2020-present

American College of Physicians. Member, 2018-present

Siff, J

American Medical Informatics Association

- Peer reviewer of articles and meeting submissions, 2010-present
- Review applicants for Fellowship Status 2020-present

American College of Emergency Physicians

- International Research Forum submission reviewer for Informatics and Educational Submissions, 2017-present
- Member, National Reimbursement Committee, 1998, 2000-present
- Member, National Health Information Technology Committee 2022-present

Substance Abuse/Journal of the Association for Medical Education and Research in Substance Abuse. Peer Reviewer for journal submissions, 2020-present

College of Healthcare Information Management Executives (CHIME)

- Opioid Task Force Committee Member, 2020-present
- Opioid Task Force Clinical Advisory Group, 2020-present

Epic Corporation

- Submission Reviewer, International Meeting, 2014-present
- International Physician Advisory Council Steering Board, 2014-present
- International Emergency Department Steering Board, 2014-2022

Sweeney, S

American Academy of Family Physicians. Member, 2016-Present

Tarabichi, Y

Society of Critical Care Medicine

- Member, Practical EMR Export Pathways (PEEP): Discovery Automation Pilot, 2020-present
- Member, Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group, 2020-present

APEX COPD. Member, PRISm COPD Diagnoses in Primary Care Research Working Group, 2021-present

Epic Corporation. Elected Committee Member, Cosmos Governing Council, 2021-2024

American Medical Informatics Association (AMIA). Chair elect, Clinical Research Informatics Working Group

Collaboration on Quality Improvement Initiative for Achieving Excellence in Standards of COPD Care (CONQUEST). Member

Thornton, J

National Medical Association. Member, 2002-present

American College of Chest Physicians. Fellow, 2007-present

Service Roles – 2022 (Continued)

Society for Critical Care Medicine. Member, 2011-present

American College of Physicians. Fellow, 2016-present

Chair, Lift2 Trial NCCIH DSMB (Data Safety and Monitoring Board for the NIH-funded LIFT2 study: Optimizing a Mobile Mindfulness Intervention for ICU Survivors.

American Thoracic Society

- Fellow, 2001-present
- Vice Chair, Planning and Evaluation Committee
- Member, Minority Trainee Development Scholarship Committee, 2014-present
- Member, Nominating Committee 2021-2022
- Member, Designing Future ATS Conferences Task Force 2022
- Member, ATS Policy Statement on Palliative Care Early in the Care Continuum Among Patients with Chronic Respiratory Diseases Working Group 2022

Regional/Local

Bar-Shain, D

Case Western Reserve University and The MetroHealth System, Fellowship in Clinical Informatics

- Assistant Program Director, 2016-present
- Co-Director of the Capstone Activity Project, 2016-present

The MetroHealth System

- Member, Biomedical Informatics Committee, 2010-present
- Director of Informatics, Clinical Decision Support, 2014-present
- Mentoring and Lecturing for Informatics Fellowship, MetroHealth Medical Center, 2016-present

Berg, K

The MetroHealth System

- Review Panel, Population Health Research Institute Pilot Grant Program, 2022

Bolen, S

Health Improvement Partnership-Cuyahoga. Member, Chronic Disease Management Subcommittee, 2015-present

Better Health Partnership. Director, Cardiovascular Disease Programs, 2016-present

Case Western Reserve University, Clinical and Translational Science Collaborative of Cleveland

- Member and Reviewer (review career development plans), KL2 Mentorship Committee, 2015-present
- Member, KL2 Selection Committee, 2019-present

The MetroHealth System, Department of Medicine

- Member, Clinical Practice Guideline Committee, 2020-present

The MetroHealth System

- Conference Organizer, Population Health Research Institute, Population Health

Service Roles – 2022 (Continued)

Research Seminar Series, 2020-present

- Chair, Search Committee, Population Health Research Institute, 2020-present
- Member, Population Health Innovation Institute, 2016-present
 - Member, Social Determinants of Health Subcommittee, 2018-present
 - Member, Population Health Quality Team, 2021-present

Caron, A

Central Group on Educational Affairs (regional AAMC).

- Co-Chair, Improvement Special Interest Group, 2010-present
- Chair-elect, Continuing Professional Development Section, 2020-2021
- Scientific Abstract Reviewer, Annual Meeting, 2018-present

Case Western Reserve University

- Member, Admissions Committee, Physician Assistant Program, 2020-present
- Member, Faculty Senate, 2021-present
- Member, Subcommittee of Faculty Senate on Supreme Court Dobbs Decision, 2022
- Co-Director, PHRI Student Elective 2021-present

The MetroHealth System

- Member, Research Conflict of Interest Committee, 2019-present

The MetroHealth System, Population Health Research Institute (PHRI)

- Co-Director of Education
- Co-Chair, The Duncan Neuhauser Annual Quality Improvement Lecture, 2014-present
- Co-Chair, Annual Population Health Research Speaker, 2021-present
- Co-Director, PHRI Research Fellowship, 2021-present
- Co-Director, PHRI Resident Rotation, 2021-present

Davis Bellamy, K

Ohio School Based Health Alliance. Board Chair, 2020–present

Cleveland Metropolitan School District

- Committee Member, District Wellness, 2013-present
- Taskforce(s) Member, Say Yes to Cleveland, 2019-present

Better Health Partnership

- Member, Children's Mental/Behavioral Health Subcommittee, 2022-present

De Luca, S.

The MetroHealth System

- Review Panel, Population Health Research Institute Pilot Grant Program, 2022

Einstadter, D

The MetroHealth System

- Member, Promotion and Tenure Committee, 2013-present
- Member, Quality Improvement Committee, Department of Medicine, 1993-present

Gaglioti, A

The MetroHealth System, Population Health Research Institute

Service Roles – 2022 (Continued)

- PHRI Pilot Grant Reviewer, 2022

Greco, P

Case Western Reserve University and The MetroHealth System, Fellowship in Clinical Informatics

- Chairperson, Clinical Competency Committee, 2017-present
- Assistant Program Director, 2016-present

The MetroHealth System

- Member, Quality Improvement Committee, Department of Medicine, 1993-present
- Member, Biomedical Informatics Committee, 2010-present
- Director of Informatics, Software Infrastructure, 2010-present
- Mentoring and Lecturing for Informatics Fellowship, 2016-present

Gunzler, D

American Statistical Association, Cleveland Chapter. Member, 2011-present

Case School of Medicine

- Judge for student scientific poster presentations at Irwin H. Lepow Student Research Day, 2013, 2014, 2016, 2017-present
- Member, Data Safety Monitoring Board
 - DoD's multi-site tDCS and Rehab Trial for SCI (Plow, PI), 2019-present
 - Are Narcotic Pain Medications Necessary Following Thyroidectomy and Parathyroidectomy? (McHenry, PI). 2018-present
 - NIH R21: Improving Medication Adherence in Hypertensive Individuals with Bipolar Disorder (Levin, PI). 2017-present
- Member, Biostatistics, Evaluation and Research Design (BERD) Core, 2011-present
 - MetroHealth Medical Center Director, 2018-present

Case School of Medicine, Clinical Research Scholars Program

- Grader for PhD in Clinical Research Comprehensive Exam, 2017-present

The MetroHealth System

- Appointments, Promotions and Tenure Committee Member, 2019-present

The MetroHealth System, Clinical Research Unit

- Member, Scientific Review Committee, 2011-present

Kaelber, D

Hyland Software Inc. Member, On-Base Physician Advisory Committee, 2015-present

Case Western Reserve University

- Founding Director, Graduate Certificate in Health Informatics Program, 2017-present
- Founding Co-Director, Center for Education and Training and Health Informatics, 2016-present

Case Western Reserve University School of Medicine

- Clinical and Translational Science Center (CTSC) Child Health Advisory Board, 2014-present
- Block 1 Committee, 2005-present

Service Roles – 2022 (Continued)

- Alpha Omega Alpha Lead Counselor, 2022-present

The MetroHealth System

- Founding Director, Clinical Informatics Fellowship Program, 2016-present
- Chief Medical Informatics Officer (CMIO) and Vice-President of Health Informatics, 2014-present
- Founding Director, Center for Clinical Informatics Research and Education (CCIRE), 2011-present
- Director, ACGME Clinical Informatics Fellowship, 2015-present
- Board of Directors, Brittingham Memorial Library, 2003-2006, 2009-present
 - President, 2020-present
- Member, Graduate Medical Education Committee, 2001-2006, 2015-present

Case Western Reserve University and The MetroHealth System

- Affiliated Faculty, Center for Reducing Health Disparities, 2009-present
- Senior Scholar, Center for Health Care Research and Policy, 2009-present

Better Health Partnership. Member, 2010-present

- Member, Clinical Advisory Committee, 2011-present
- Member, Information Management Committee, 2010-present

Kelly, M

The MetroHealth System

- Committee Member, Department of Bioethics, 2019–present
- Director of Quality & Patient Safety, Department of Neurosurgery, 2017-present
- Trauma Performance and Patient Safety Committee
 - Adult Neurotrauma Committee Liaison for Patient Safety and Quality, 2015–present

Leon, J

Research Informatics Committee, Member, 2019-present

Greater Cleveland Maternal and Child Nutrition Committee, Member, 2020-present

Lewis, S

Ohio Public Health Association. Member, 2019-present

Love, T

Case Western Reserve University, Faculty Senate

- Member, Faculty Senate Committee on Faculty Compensation, 2018-present
- Member, Faculty Senate Committee on Fringe Benefits, 2018-present

Case Western Reserve University, Department of Population and Quantitative Health Sciences

- Lead, Health Care Analytics Track, MS program in Epidemiology & Biostatistics, 2015-present
- Member, MS Admissions Committee, 2016-present

The MetroHealth System

- Research Conflicts of Interest Committee, 2019-present

Service Roles – 2022 (Continued)

The MetroHealth System Population Health Research Institute (PHRI)

- PHRI Staff and Faculty Search Committee, 2020-present
- PHRI Fellowship Leadership Team, 2020-present
- Chair, Research Data Scientist Search Committee, 2022 (Hired Hannah Hill, MS)

Mintz, L

Interrupting Criminalization, Cops Out of Care Network/member, advisor; 2022-present

Strategies for High Impact, Long Covid Justice Advisory Board Member, 2021-present

Clinical and Translational Science Collaborative. HRC Point Person, Member, 2021-present

ATNSC Center for Healing and Creative Leadership. Board Member Emeritus

Case Western Reserve University School of Medicine, Faculty Advisor, CaseMed PRIDE, 2019-present

Case Western Reserve University Center for AIDS Research. Member, 2021-present

The MetroHealth System

- Primary Care Service Line Director Search Committee, 2022
- Behavioral Health Director Search Committee, 2022
- Internal Medicine-Pediatrics
 - Member, Faculty Committee on Diversity and Inclusion, 2020-present
 - Member, Faculty Committee on Continuing Education, 2022-present

Misak, J

AIDS Funding Collaborative. Board of Directors, 2020-present

Better Health Partnership. Co-director, Adult Health Leadership Team, 2020-present

Center for Community Solutions. Board of Directors, 2014-present

Case Western Reserve University School of Medicine, Center for Community Health Integration. Faculty, 2020-present

MetroHealth Foundation. Board of Directors, 2018-present

The MetroHealth System

- Medical Director, Institute for H.O.P.E.TM, 2019-present
- Medical Director, MetroHealth Community Health Centers. 2022-present
- Governing Board, Collaborative Care Partners Medicare Direct Contracting Entity/ACO-REACH. 2021-present
- Vice Chair, Community and Population Health, Department of Family Medicine, 2015-present
- Chair, Medical Staff Bylaws Committee. 2008-present

Papp, J

Cuyahoga County Opiate Coalition. Member 2012-present

The Cuyahoga County Court of Common Pleas Drug Court Advisory Committee. Member, 2013-present

Northern District of Ohio United States Attorney's Opiate Task Force

Service Roles – 2022 (Continued)

- Member, 2013-present
- Chairperson, Treatment and Policy Subcommittee, 2013-present

Center for Health Affairs, Northeast Ohio Hospital Opioid Consortium

- Member, Physician Executive Leadership Committee, 2017-present
- Chairperson, 2022-present

Recovery Resources. Member, Board of Directors, 2018-present

Cuyahoga County Opioid Fatality Review Committee, 2019-present

The MetroHealth System

- Chairperson, Controlled Substance Peer Review Committee, 2016-present
- Chairperson, Opioid Task Force, 2017-present
- Pharmacy and Therapeutics Committee
 - Member, 2017-present
 - Member, Jail Subcommittee, 2019-present

Perzynski, A

Connect Your Community Institute, Cleveland, Ohio. Founding Board Member, 2017-present

The MetroHealth System

- Committee on Appointments, Promotion and Tenure, 2019-present
- The MetroHealth System. Conflict of Interest Committee, 2019-present
- The MetroHealth System. COVID-19 Research Committee, 2020-present
- Member, Data Safety and Monitoring Board, "Contralaterally Controlled FES versus Cyclic NMES for Hand Function after Stroke," 2019-present
- Judge, Resident Research Competition, Department of Medicine, 2010-present

Riley, N

The MetroHealth System

- Member, Biomedical Informatics Committee, 2017-present
- Member, Enterprise Imaging Steering Committee, 2020-present

Case Western Reserve University / The MetroHealth System

- Member, Internal Medicine Residency Quality Improvement Steering Committee, 2019-present

Roach, MJ

Northeast Ohio Trauma System. Research Committee, 2019-present

The MetroHealth System

- Member and Co-Chair Emeritus, The MetroHealth Green Team, 2015-present
- Chair, Disability Working Group, 2020-2022

Sehgal, A

Policy Matters Ohio

- Member, Board of Directors, 2018-present

Service Roles – 2022 (Continued)

Seeholzer, E

Health Action Council of Ohio. Member, 2013-present

Case Western Reserve University Teaching

- Incorporating and Addressing Obesity Medicine Content Across the Medical School Curriculum, student guided project. Faculty mentor on team for adding curriculum content to increase knowledge about obesity as chronic condition and reduce obesity bias among medical students. Amber Olson, Medical Student (2024) lead, 2020-present. Output to date:
 - Two Obesity Team-Based Learning Sessions (TBL), 1) Obesity Pathogenesis. 2) Obesity Treatment, Block 3: Food to Fuel, November 2021, January 2022, Role: TBL development and faculty facilitator.
 - Student surveys about obesity and TBL evaluation, 2021-2022
 - Obesity Medicine Medical Student Interest Group. Role: Faculty Presenter in October 2021; Faculty Moderator, 2021 to present
 - On-going review of curriculum for people-first language and addition of obesity related content.
 - Collaborated with M3 student to develop and recruit teaching faculty for new Obesity Medicine Elective starting January 2023.

The MetroHealth System

- Co-Founder and Co-Chair, The Annual MetroHealth Duncan V. Neuhauser Ph.D. Quality Improvement Lecture, 2014-present
- Facilitator, Population Health Institute Tobacco Cessation Committee, 2018-present

Siff, J

Care Innovation and Community Improvement Program (CICIP) Taskforce for Opiate Prescribing. Member, 2019-present

Ohio CMIO Epic Collaborative. Member, 2015-present

Case Western Reserve University

- Co-direct Advanced Core Clerkship for CWRU Clinical Informatics Fellowship, 2022-2023

The MetroHealth System

- Co-Chair, Technology Security Steering Committee, 2019-present
- Member, Information Services Governance Committee, 2019-present
- Member, Provider Documentation and Coding Compliance Committee, 2019-present
- Member, Executive Opioid Steering Committee, 2017-present
- Co-Chair, Adult Primary Care Associate Director Committee, 2016-present
- Chairman, Assistant and Associate Director of Informatics Leadership Team, 2015-present
- Member, CIO and IS/Informatics Directors Leadership Group, 2015-present
- Informatics Lead, Compliance and Informatics Committee (EpiCal), 2014-present
- Chair, Emergency Department IT Steering Committee, 2012-present
- Member, Biomedical Informatics Committee, 2010-present
- Member, Medical Records Committee, 2009-present

Service Roles – 2022 (Continued)

Tarabichi, Y

The MetroHealth System

- Member, Medical Bioinformatics Committee, 2015-present
- Member, SlicerDicer (an Electronic Health Data Self-Service Tool) Committee, 2018-present
- Member, Data Governance Committee, 2019-present

Thornton, J

The MetroHealth System

- Chief, Division of Pulmonary, Critical Care, and Sleep Medicine, 2022-Present
- Member, Clinical Research Unit Scientific Review Committee, 2014-2022
- Member, Department of Medicine Promotion and Tenure Committee, 2019-present

The MetroHealth System Population Health Research Institute (PHRI)

- Director, Center for Reducing Health Disparities, 2022-Present
 - Co-Director, 2014-2021
- Co-Director of Education, 2020-Present

Tse, W

Case Western Reserve University, Case Comprehensive Cancer Center

- Member, Immune Oncology Program

The MetroHealth System

- Deputy Director, MetroHealth Cancer Center
- Director, Division of Hematology/Oncology
- Director, Education for the Population Health Research Institute, 2020-present