

## **2019 Population Health Research Institute (PHRI) Annual Report to The MetroHealth System**

As the Founding Director of the MetroHealth Population Health Research Institute (PHRI) in 2020, I am excited to share our 2019 annual highlights from the three Centers which currently comprise PHRI: the Center for Health Care Research and Policy (CHRP), the Center for Reducing Health Disparities (CRHD), and the Center for Clinical Informatics Research and Education (CCIRE). While we are currently in the strategic planning process for PHRI, our vision is to be the nation's leading population health research institute. Our evolving mission is to reduce disparities and improve health within the communities and populations in our region and nationally through innovation, education, and collaboration.

### **Grants, Presentations, Awards**

Our 2019 activities have positioned us well as we chart our course during unprecedented times. In 2019, the 16 core faculty within the 3 centers were Principal Investigators (PIs), site PIs, or co-PIs on 22 active grants totaling over \$18 million dollars to The MetroHealth System, with 6 new grants in 2019 (See Grants Table, and additional research highlights below). Beyond active research grants, the core faculty and senior scholars published 38 peer-reviewed publications in 2019 with publications in high impact journals such as Chest, Hypertension, American Journal of Medicine and more. Several faculty also contributed to Dr. Perzynski's 2019 published book entitled "Health Disparities: Weaving a New Understanding through Case Narratives". Our core faculty and senior scholars gave 114 presentations in 2019, with 24 of these as invited national presentations enhancing the visibility of The MetroHealth System and Case Western Reserve University (CWRU) (See Abstracts and Presentations Lists). Faculty have received over 10 awards or achievements in 2019 including CWRU teaching awards and recognition for outstanding research contributions (See Awards, Promotions and Milestones Table).

### **Education and Workforce Development**

We continue to contribute to the development of a pipeline of population health researchers. CCIRE Director Dr. Kaelber added 2 new fellows to the joint CWRU and MetroHealth Clinical Informatics Fellowship program in 2019. They enrolled their first ever 2 students in the PhD program in Biomedical and Health Informatics at CWRU where Dr. Kaelber and the CCIRE faculty continue to help support the PhD (and MS and Certificate) programs at CWRU. PHRI investigators mentored over 65 trainees from a variety of areas within and outside The MetroHealth System (with over 20 trainees from CWRU including KL2 scholars and over 20 trainees from The MetroHealth System including MetroHealth Baldwin-Wallace MPH students)(See Trainees Table). In addition, many of our core faculty continued to teach in key courses at CWRU in 2019 including but not limited to: Design and Analysis of Observational Studies led by Dr. Love, PHRI Director of Biostatistics and Data Sciences; Introduction to Clinical Research Scholars Program led by Dr. Einstadter; Health Disparities led by CRHD Co-Director Dr. Sehgal; and Qualitative and Mixed Methods in Public Health led by Dr. Perzynski.

### **Service**

Our core faculty have also served in over 100 critical service roles for The MetroHealth System, CWRU, professional organizations, the community, and the nation in 2019 (Service Roles Tables). Key national service roles by PHRI investigators include serving on the Department of Health and Human Services National Clinical Care Commission to develop a report to Congress advising on gaps in federal programs and policies for adults with diabetes, the National Quality Forum Perinatal Committee, advisory roles for

the Epic Systems Corporation, Past Chair for the Group on Educational Affairs within the Association of American Medical Colleges, NIH and AHRQ study section members, and journal editors and reviewers. Over 30 roles related to service to The MetroHealth System including research committees, The Green Team, clinical and service line roles, population health innovations institute and quality improvement committees. Key community service roles include engagement and leadership within regional and statewide health improvement collaboratives (e.g., Better Health Partnership, Health Improvement Partnership Cuyahoga) and board members of community groups such as Connect Your Community, Policy Matters Ohio, and Community Development Corporations.

**Selected research project and collaborative highlights from 2019 include:**

1. *Engaging with communities to reduce health disparities.* CRHD Co-Director Sehgal continues to lead a center grant entitled “Involving Communities in Delivering and Disseminating Health Disparity Interventions”. Main activities within the Center grant include: two randomized controlled trials, a pilot grant program, a community oversight committee, and a health disparities graduate course. The pilot grant program has funded 10 investigators thus far, including 2 from MetroHealth. MetroHealth investigators are Vanessa Maier who is evaluating the impact of MetroHealth's school health program on emotional and social outcomes and Milana Bogorodskaya who is studying barriers to HIV pre-exposure prophylaxis use in Cleveland.
2. *Statewide collaboration to improve hypertension and address social determinants of health.* MetroHealth PHRI investigators in collaboration with CWRU SOM co-lead a Medicaid-funded statewide cardiovascular health collaborative (Cardi-OH) and quality improvement project focused on expanding primary care capacity to manage hypertension and address the social determinants of health. Based on results of this statewide effort including improvements in blood pressure control by 14.7% in 8 primary care practices across the state, we secured new funding in 2019 to expand our focus to addressing diabetes and social determinants of health in 22 new primary care sites across the state (2 pilot primary care sites from MetroHealth). We have purposefully aligned and integrated efforts with primary care, specialty care and the Population Health Innovations Institute at The MetroHealth System so best practices from this pilot can be spread broadly across The MetroHealth System to improve diabetes outcomes.
3. *Regional efforts to identify and address social needs across the lifespan.* PHRI and CHRP Director Dr. Bolen collaborates with 2 regional health improvement collaboratives in our region (Better Health Partnership and Health Improvement Partnership-Cuyahoga) in a Center for Disease Control and Prevention funded Racial and Ethnic Approaches to Community Health (REACH) grant. Dr. Bolen and Mr. Lever lead a program within the grant linking kids with overweight/obesity and asthma as well as linking adults with uncontrolled hypertension to community resources for health improvement at 3 clinics in the region (2 MetroHealth clinics participate). Thus far, 353 referrals have been made to United Way 2-1-1 and 162 patients were reached and given referrals to community resources. Of these referrals, the top 5 need categories identified thus far include food (n=127; 79%), physical activity (n=124; 78%), health care (n=70; 44%), housing (n=31; 19%), and utility assistance (n=25; 16%).
4. *Innovative ways to enhance smoking cessation efforts in primary care.* MetroHealth CHRP Site PI Seeholzer in collaboration with OHSU investigator Flocke were awarded an American Cancer Society grant to test a systems change intervention at MetroHealth primary care clinics for

smoking cessation that compares electronic referral by primary care support staff to the 1-800-Quitline (cessation counseling and nicotine replacement) versus a referral to a Choose2Quit Tobacco Cessation Navigator who offers a variety of quit supports in addition to counseling, (i.e. nicotine replacement, medication, and addressing social determinants of health).

5. *Workforce development to improve quality and reduce burnout in primary care.* CHRP Investigator Dr. Caron has two workforce primary care training grants in 2019 which have engaged 55 primary care team members (45 at MetroHealth). In a subset of 14 providers who completed the program, providers indicated they were more likely to remain at the institution, were more satisfied with their jobs, and experienced less burnout. There was less than a 0.5% decrease in overall productivity equaling a total average annual program cost in lost clinical revenue of ~\$12,000 for 14 participants (<\$1000 per participant). Participants progressed professionally assisting in MetroHealth system efforts: one of the scholars was promoted to Program Director in Family Medicine; one was promoted to Medical Director, Quality and Institute for H.O.P.E.™; and one was promoted to the Institutional Leader in Data-driven quality improvement. The total number of peer reviewed publications produced by the faculty scholars increased from zero in the two-year period prior to enrollment to nine in the three years of the program. National meeting presentations increased from 11 to 30. Additionally, Dr. Caron assisted NEOMED with developing a similar program for rural faculty and serves as the site PI for their grant.
6. *Understanding how neighborhood social contexts influence cardiovascular risk.* CHRP Investigator Dr. Perzynski and Dr. Dalton (CHRP Senior Scholar at Cleveland Clinic) co-direct a National Institute on Aging funded study, “Modeling and Forecasting Atherosclerotic Risk: A Complex Systems Approach” that is utilizing electronic health record (EHR) data in a first-of-its-kind regional, population-derived registry to understand how neighborhood social contexts influence cardiovascular risk across the life course. The NEOCARE Learning Health Registry includes data collected from 1999 to 2019 on more than 3.1 million unique individuals, diverse by race and ethnicity in Northeast Ohio. Selected published studies have examined the structure of social factors and life expectancy (Perzynski et al, 2020), neighborhood circumstances and lung cancer (Adie et al., 2020), homelessness and the burdens of comorbidity and mortality (Bensken et al., 2019; Rothberg et al, 2020), and gaps in prediction of cardiovascular disease for the oldest older adults (Dalton et al, 2020).
7. *CHRP Investigators have been active in evaluating efforts of the MetroHealth Transformation.* As MetroHealth undergoes construction of a new hospital structure and campus, the Clark-Fulton neighborhood will concomitantly undergo transformation as the world’s first ever healthcare system-anchored EcoDistrict. Utilizing a novel data collection approach with pilot funding from the Robert Wood Johnson Foundation, Dr. Perzynski and PHRI Postdoctoral Scholar Dr. Kristen Berg collected qualitative data with 19 referral-sampled adults in the Clark-Fulton area in English and Spanish to better understand neighborhood residents’ perspectives and priorities for community health. This research work sought to align the goals of MetroHealth’s healthcare system-initiated community improvement effort with the perspectives and needs of Clark-Fulton residents and included a collaboration with the Transformation team, the Institute for H.O.P.E.™, the City of Cleveland and The Metro West Community Development Corporation. Findings revealed health priorities distinct from traditional clinical outcomes, with residents

emphasizing social connectedness, competing intra- and inter-neighborhood perceptions that lead to isolation and reduced well-being, and a powerful linkage between neighborhood conditions and resident feelings of self-worth. In early 2020, this research was featured at the EcoDistricts Annual Meeting, the National Association of City and County Health Officials, and the All In Data for Community Health National Meeting. The investigative team is nearing completion of a letter of intent to the Robert Wood Johnson Foundation Evidence for Action grant mechanisms to support the development of a data and evaluation framework for the EcoDistrict in Cleveland and other EcoDistricts around the United States.

8. *Community-based trial to improve pain and quality of life after breast cancer treatment.* A grant entitled “Pain and Immobility After Breast Cancer Surgery: A Community-Based Randomized Controlled Trial of Myofascial Massage Treatment.” led by CRHD Director Dr. Sehgal supports a community-based, randomized controlled trial involving 202 women with persistent pain and mobility limitations after breast cancer treatment. Participants in each group will receive 30 minutes of treatment twice weekly for two months. The treatment group will receive massage therapy while the control group will receive light touch therapy. Primary analyses will determine the impact of myofascial massage on pain and mobility limitations. Secondary analyses will examine the impact of myofascial massage on several outcomes, including range of motion, quality of life, sleep, and body image.
9. *Addressing asthma symptoms in disadvantaged populations.* Among over a dozen different externally funded collaborative grants with CCIRE Director Kaelber as Site PI, one particular grant highlight is the 5-year multi-center PCORI Patient-Activated Reliever Triggers inhaled corticosteroid (PARTICS) grant. This grant investigates the use of existing asthma medications but used in new ways to be more effective and also allows medication self-titration in moderate and severe asthma minority (African-American and Hispanic) patients. From a research perspective, this study has been notable for the following: a) Patient recruitment – powered by informatics tools, MetroHealth has been a lead site in the national in terms of MetroHealth’s ability to identify and recruit minority patient for this study; b) Patient questionnaire completion – this study serves as a national model for how to obtain over 90% compliance with monthly remote patient symptom survey completion; and c) Asthma outcomes – preliminary results show that PARTICS significantly reduces symptoms, emergency department visits, and hospitalization among minority patients with moderate or severe asthma.
10. *Collaborations with CWRU to enhance research.* MetroHealth PHRI investigators collaborate on the CWRU Clinical and Translational Science Center (CTSC) award by providing informatics, study design and statistical analysis plan support for researchers applying for federal funding. CHRP investigators led by Dr. Gunzler provided 62 consults in 2019 for study design and statistical support. CCIRE Drs. Kaelber and Tarabichi provided dozens of research informatics consults and supported use of “big data” tools including IBM Watson Health’s Explorys, Epic’s Slicer-Dicer, TriNetx (went live for MetroHealth in 2019) and Epic’s Cosmos Data Network. These tools are used for thousands of queries per year and result in dozens of grant opportunities, abstracts, presentations, and publications annually.

\*\*\*Additional details about the 3 centers can be found on our websites (new PHRI website coming soon - end of August 2020) and in the attached tables.

**POPULATION HEALTH RESEARCH INSTITUTE**

**2019 ANNUAL REPORT**

Grants

Publications

Invited Presentations

Abstracts and Conference Talks

Honors, Patents, Awards, Milestones, and Promotions

Research Trainees

Service Roles

# Grants

## POPULATION HEALTH RESEARCH INSTITUTE

<b>Grants Active or in No Cost Extension in 2019 (by PI, co-PI, or Site PI)</b>				
PHRI Faculty	Funding Source	Abbreviated Grant / Project Title	Total MH \$'s All Years (DC + IC)	Start/End Dates
<b>CENTER FOR CLINICAL INFORMATICS RESEARCH AND EDUCATION (CCIRE)</b>				
Kaelber	Outcome Sciences, Inc. 8651081199	P-COMPASS QUERIES (Clinical Trial) Study Feasibility Assessment (Kaelber-Site PI)	\$19,500	8/1/2014 – 6/30/2020
Kaelber	DARTNet Institute 8651091199	P-DARTNet (Clinical Trial) CDC Diabetes Quality-Related eMeasures from EHR Data (Pace-PI) / (Kaelber-Site PI)	\$69,900	9/29/2015 – 9/28/2020
Kaelber	PCORI PCS-1409-24372 8651121199 8651141199	P-PCORI-VERMONT Integrating Behavioral Health and Primary Care for Comorbid Behavioral and Medical Problems (Littenberg-PI) / (Kaelber-Site PI, Informatics Lead)	\$598,600	2/1/2018 – 3/31/2021
Kaelber	NIH/NCRR UTR002548A	Cleveland Translational Science Consortium (CTSC) Informatics (Konstan-PI) / (Kaelber- Site PI, Informatics Lead)	\$168,052	5/15/2018 – 6/30/2023
Tarabichi	T32 NIH 7851011199	P-LUNG CANCER SCREENING DECISI (Tarabichi-PI)	\$12,000	7/29/2019 – 12/31/2019
Tarabichi	NIH/NCRR UTR002548A	Cleveland Translational Science Consortium (CTSC) Informatics (Konstan-PI) / (Tarabichi-Dir. of Clinical Informatics Research Support)	See above under Kaelber	5/15/2018 – 6/30/2023
<b>TOTAL CCIRE</b>			<b>\$868,052</b>	
<b>CENTER FOR REDUCING HEALTH DISPARITIES (CRHD)</b>				
Huml	K23 NIH/NIDDK RES207950	Barriers to Care for Patients Transitioning from Transplant to Dialysis (Huml, PI)	\$653,989	7/19/2016 – 4/30/2021
Sehgal	U54 NIH/NIMHD RES514268	Involving Communities in Delivering and Designing Health Disparity Interventions (Sehgal, PI)	\$7,053,013	9/1/2017 – 4/30/2022
Sehgal	R01 NIH/NCI RES225210	Pain & Immobility After Breast Cancer Surgery (Sehgal, PI)	\$2,204,125	7/1/2019 – 6/30/2023
Sehgal	R01 NIH/NIDDK RES215149	Improving Diagnosis & Management of Depression in Hemodialysis Patients (Sehgal, PI)	\$2,079,261	12/5/2017 – 11/30/2021
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 – 11/30/22
<b>TOTAL CRHD</b>			<b>\$13,157,233</b>	

<b>CENTER FOR HEALTH CARE RESEARCH &amp; POLICY (CHRP)</b>				
Avery	HRSA H97HA28892	HRSA Social Media (Avery, PI)	330,056	9/1/2015 – 8/31/2020
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
Bolen	Ohio Dept. of Medicaid RES514609 RES514818	Hypertension Quality Improvement Project State and Federal (Konstan/Bolen, PI's)	\$198,979	7/3/2019 – 6/30/2020
Bolen	Ohio Dept. of Medicaid RES514477	Ohio Cardiovascular Health Collaborative— Cardi-OH (Konstan/Bolen, PI's)	\$292,314	7/3/2019 – 6/30/2020
Bolen	Ohio Dept. of Medicaid RES514742 RES514686	Diabetes Quality Improvement Project—Federal and State (Konstan/Bolen, PI's)	\$168,251	7/3/2019 – 6/30/2020
Bolen	Ohio Dept. of Medicaid RES514584	Ohio Diabetes Consortium (Konstan/Bolen, PI's)	\$90,105	7/3/2019 – 6/30/2020
Caron	Health Resources and Services Administration (HRSA) TRN205814 TRN513732 TOBHP28557	Primary Care Training and Enhancement: Physician Faculty Development (Caron, PI)  Primary Care Training and Enhancement: Physician Faculty Development Supplemental (Boltri, PI) / (Caron, Site PI)	\$1,794,259	7/1/2015 – 6/30/2021
Caron	HRSA TRN220988 T13HP31899	Primary Care Training and Enhancement: Training Primary Care Champions (Caron, PI)	\$780,289	9/1/2018 – 8/31/202
Caron	HRSA TRN514951	Primary Care Practice Transformation Fellowship. NEOMED HRSA Supplemental (Boltri, PI) / (Caron, Site PI)	\$43,159	7/1/2019 – 6/30/2020
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	12/5/2017 – 11/30/2022
Liskay	Ohio Dept. of Health 6131061599	P-COVERDELL REGISTRY YR5 Heart Disease and Stroke Prevention (Liskay, PI)	\$202,000	6/30/2019 – 6/29/2020
Perzynski	NIH/NIA RES514175 R01 AG055480	Modeling and Forecasting Atherosclerotic Risk: A Complex Systems Approach (Dalton, Perzynski-PI's)	\$242,126	4/1/2019 – 3/31/2021
Seeholzer	American Cancer Society RSG-18-137-01 6221041199	CHOOSE2QUIT: Improving Equity in Smoking Cessation for Low-Income Adults (Flocke, PI) / (Seeholzer, Site-PI)	\$303,700	8/1/2019 – 7/31/2024
<b>TOTAL CHRP</b>			<b>\$4,822,943</b>	
<b>TOTAL ALL CENTERS</b>			<b>\$18,848,228</b>	

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



## Publications

## POPULATION HEALTH RESEARCH INSTITUTE

### Publications 2019

#### Peer Reviewed Articles (trainee authors underlined)

Adie Y, Kats D, Tlimat A, **Perzynski A**, **Dalton J**, **Gunzler D**, **Tarabichi Y**. [Neighborhood disadvantage and lung cancer incidence in ever-smokers at a safety net health-care system: a retrospective study](#). Chest. 2020 Apr;157(4):1021-1029. doi: 10.1016/j.chest.2019.11.033. Epub 2019 Dec 17. PubMed PMID: 31862438.

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**Gunzler D, Lewis S**, Webel A, Lavakumar M, Gurley D, [Kulp K](#), Pile M, [El-Hayek V](#), **Avery A**. [Depressive Symptom Trajectories Among People Living with HIV in a Collaborative Care Program](#). AIDS Behav. 2019 Nov 14;. doi: 10.1007/s10461-019-02727-x. [Epub ahead of print] PubMed PMID: 31728696.

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**Thornton JD**. [Medicaid Expansion May Give Us Room to Breathe](#). Ann Am Thorac Soc. 2019 Jul;16(7):824-825. doi: 10.1513/AnnalsATS.201903-223ED. PubMed PMID: 31259633; PubMed Central PMCID: PMC6944398.

**Thornton JD**, Patrick B, **Sullivan C**, Albert JM, Wong KA, Allen MD, Kimble L, Mekesa H, Bowen G, **Sehgal AR**. [Comparing web-based video interventions to enhance university student willingness to donate organs: A randomized controlled trial](#). Clin Transplant. 2019 Apr;33(4):e13506. doi: 10.1111/ctr.13506. Epub 2019 Mar 13. PubMed PMID: 30793375; PubMed Central PMCID: PMC6474353.

**Twohig PA**, **Rivington JR**, **Gunzler D**, Daprano J, **Margolius D**. [Clinician dashboard views and improvement in preventative health outcome measures: a retrospective analysis](#). BMC Health Serv Res. 2019 Jul 11;19(1):475. doi: 10.1186/s12913-019-4327-3. PubMed PMID: 31296211; PubMed Central PMCID: PMC6621998.

**Waghray A**, Waghray N, **Perzynski AT**, **Votruba M**, Wolfe MM. Optimal omeprazole dosing and symptom control: a randomized controlled trial (OSCAR trial). Digestive Diseases and Sciences. 2019 Jan 1;64(1):158-66.

Winhusen T, Theobald J, **Kaelber DC**, Lewis D. [Regular cannabis use, with and without tobacco co-use, is associated with respiratory disease](#). Drug Alcohol Depend. 2019 Nov 1;204:107557. doi: 10.1016/j.drugalcdep.2019.107557. Epub 2019 Sep 16. PubMed PMID: 31557578; PubMed Central PMCID: PMC6878136.

Winhusen T, Theobald J, **Kaelber DC**, Lewis D. [The association between regular cannabis use, with and without tobacco co-use, and adverse cardiovascular outcomes: cannabis may have a greater impact in non-tobacco smokers](#). Am J Drug Alcohol Abuse. 2019 Nov 19;;1-8. doi: 10.1080/00952990.2019.1676433. [Epub ahead of print] PubMed PMID: 31743053.

Winhusen T, Theobald J, **Kaelber DC**, Lewis D. [Medical complications associated with substance use disorders in patients with type 2 diabetes and hypertension: electronic health record findings](#). Addiction. 2019 Aug;114(8):1462-1470. doi: 10.1111/add.14607. Epub 2019 Apr 25. PubMed PMID: 30851217; PubMed Central PMCID: PMC6626564.

## Books, Book Chapters, Published Letters, Editorials, Invited Manuscripts & Technical Reports

Baker-Smith CM, Flynn JT, **Kaelber DC**. [Letter] [Systematic reviews: a small fraction of the evidence used to generate the 2017 clinical pediatric hypertension clinical practice guideline](#). *J Hypertens*. 2019 Feb;37(2):451-452. doi: 10.1097/HJH.0000000000001997. PubMed PMID: 30640876.

**Bar-Shain DS**, Burkham J, Coulson M, et al. Managing Adolescent Confidentiality in: Epic: Recommendations of Epic's General Pediatric Specialty Steering Board. Epic UserWeb. Epic Systems Corporation, 15 May 2019. Web. 21 Jun. 2019. <https://galaxy.epic.com/Search/GetFile?url=%21268%21100%21100027088&rank=1&queryid=63156486&docid=118717>

**Caron A**. Jaeger J, Bar-on M, Andolsek, K. Review of Community Health Needs Assessment for Increasing Awareness and Reducing Disparities. In: *Health Disparities: Weaving a New Understanding through Case Narratives*. **Perzynski AT**, Shick S, Adebambo B (Eds.). Springer Nature, NY, 2019.

**Love TE**. Better Health Partnership Data Reports.

<http://www.betterhealthpartnership.org/data>

- Adult Data Reports on Diabetes, Hypertension, Heart Failure, Colorectal Cancer Screening and various other topics and metrics, 23 reports published (twice annually), 2007–present.
- Children's Health Initiative Data Reports on Obesity, Elevated Blood Pressure, and Asthma, 5 reports published (twice annually), 2016-present.

Pedretti M, **Perzynski AT**. Reversing the Process: Video Composition and the Ends of Writing. Chapter 4. In: *Bridging the Multimodal Gap: From Theory to Practice*. Khadka S, Lee JC (Eds.). Utah State University Press, 2019.

**Perzynski AT**, Shick S, Adebambo I (Eds.). *Health Disparities: Weaving a New Understanding through Case Narratives*. Springer Nature, NY, 2019. [Several book chapters were also written by PHRI Faculty]

**Siff J**, Baskin B. Medico-legal Issues in Emergency Medicine. In *Emergency Medicine: A Comprehensive Study Guide*, 9<sup>th</sup> ed. Tintinalli (Ed.). New York: McGraw Hill, 2019.

## Invited Presentations

## Invited Presentations

### National/International

1. Avery A. Implementing PrEP in STI Care Settings. Invited speaker for panel at Gilead Sciences national meeting, Orlando, FL, March, 2019.
2. Avery A. Engaging People with HIV Who Are Out of Care: Changing the System. CDC/HRSA Advisory Committee on HIV, Viral Hepatitis and STD Prevention and Treatment, Rockville, MD, November 13, 2019.
3. Avery A. Lessons Learned from Implementing Routine Screening for HIV. University of Chicago, Chicago, IL, September, 2019.
4. Bar-Shain DS, Greco PJ. Epic Classic - Automated Immunization Reconciliation: Lessons Learned. User Group Meeting, Epic Systems Corporation, Verona, WI, August 28, 2019,
5. Caron A, Lim, YS, Cook D, Toonkel R, McTagert S. Highlights in Medical Education. American Association of Medical Colleges Annual Meeting, Phoenix, AZ, November 12, 2019.
6. Claridge J. Presented 6 critical care talks at Northwest Seminars Critical Care: The Team Approach. Park City, UT, March 25-29, 2019.
7. Claridge J. Abdominal Sepsis: Source Control and Antibiotherapy. Abdominal Trauma: An Update for the General Surgeon. 2nd Annual Updates in General Surgery, Vail, CO, January 20, 2019.
8. Connelly J, Beekman L, Kaelber D. Operationalizing Success in CMS Population Programs. Epic Corporation eXpert Group Meeting, Verona, WI, May, 2019.
9. Flocke F, Seeholzer E. Using a Teachable Moment Communication Process to Improve Outcomes of Quitline Referrals: A Systems Change Approach. PCORI Annual Conference, Washington, DC, September 19, 2019. <https://www.pcori.org/research-results/2015/comparing-two-approaches-help-patients-stop-smoking>
10. Greco PJ. Automated Reconciliation of Medications and Immunizations. Parkland, Dallas, TX, November 4, 2019. [Invited Webinar]
11. Greco PJ. Dealing with the Deluge of Dubious Data. Epic Systems Corporation Care Everywhere Governing Council, Verona WI, October 8, 2019. Care Everywhere is a federated international platform for health information exchange; it is governed by the peer-elected Governing Council members. [Invited Webinar]
12. Greco PJ. Automated Reconciliation of Medications and Immunizations. HonorHealth, Scottsdale, AZ, October 14, 2019. [Invited Webinar]
13. Johnson J, Chang A, Kaelber D. Data Strategies to Lower the Cost of Healthcare, Encouraging Collaboration Between Entities, and Integrating EMR Usage for Increased Efficiency. BioData World West, San Diego, CA, October, 2019.



14. Kaelber D. Enhancing Physician Experience and Well-Being. Epic Corporation CEO Council Meeting, Verona, WI, August, 2019.
15. Kaelber D. Success on a Small Budget. KLAS Arch Collaborative Learning Summit, Salt Lake City, UT, May, 2019.
16. Joekel C, Kaelber D, Testa P, Eschenroeder HC. Clinician Relationship/Rounding Panel. KLAS Arch Collaborative Learning Summit, Salt Lake City, UT, May, 2019.
17. Kaelber D. Using the Epic Electronic Health Record for Scholarly Activity – Examples over 15 Years from a Leading Public Healthcare System. Wake Forest Biomedical Informatics Colloquium Keynote Speaker, Winston-Salem, NC, May, 2019.
18. Kaelber D, Watkins T, Schindler S. Reaching the COMOS: The Journey to COSMOS Data Submission. Epic Corporation eXpert Group Meeting, Verona, WI, May, 2019.
19. Kaelber D, Barach P, Rifkin S, Bean M. Using Predictive Analytics to Address Readmissions. Becker’s Health IT + Clinical Leadership + Pharmacy 2019, Chicago, IL, May, 2019.
20. Kaelber D. Two Livers Saved – An Overview and Case Study in Clinical Decision Support (CDS). Vanderbilt Health Informatics Class, Nashville, TN, February, 2019.
21. Margolius D. Optimizing the Team. Hosted by the Clinical Directors Network and Harvard Center for Primary Care, February 12, 2019. [Webinar]
22. Perzynski, AT. Building Healthy Cities: Can we Distribute Health and Wellbeing Equitably? Panelist, EcoDistricts Summit, Pittsburgh, PA, 2019.
23. Siff J. Panel on Provider Engagement and Burnout. Executive Forum, Epic International User Group Meeting, Madison, WI, August 27, 2019.
24. Siff J, Bar-Shain D. Down the Opioid Rabbit Hole: Helping Patients Stay Out – Update. Epic International User Group Meeting, Madison, WI, August 27, 2019.
25. Siff J. How Provider Engagement, Education and Training Can Lead to User Satisfaction: One Health Systems Experience. Physician Community Webinar Series, Health Information Management Systems Society. Webinar International Audience, May 22, 2019.
26. Thornton J. Strategies for Addressing the Social Determinants of Health in Clinical Practice. American Thoracic Society International Conference, Dallas, TX, May 21, 2019.
27. Thornton J. Introduction to Keynote: When Experts Disagree: The Art of Medical Decision Making. American Thoracic Society International Conference, Dallas, TX, May 19, 2019.

## Regional

1. Avery A. Panel on Rapid Start 12th Annual Advanced Management Issues in HIV Care Conference: Regional Conference. Cleveland, OH, September, 2019.

2. Avery A. Lessons learned from Implementing Routine Screening for HIV. Cleveland Clinic, Cleveland, OH, October, 2019.
3. Bancy P, David T, Kaelber D, Hagland M. Winning Strategies for Developing an Inclusive EMR Experience. Midwest Health IT Summit, Cleveland, OH, March, 2019.
4. Bar-Shain DS. Incorporating Body Composition Charts into an EHR. 4th State-of-the-Art Reviews in Neonatal-Perinatal Medicine, Cleveland Clinic Foundation, Cleveland, OH, September 13, 2019.
5. Bar-Shain DS. Fixing a Race Condition in Health Maintenance for HIV Depression Screening. Clinical Informatics Fellowship Didactic Lecture, The MetroHealth System, Cleveland, OH, November 7, 2019.
6. Caron A. Collaborating to Address Health Disparities and Inequities. Clinical Research Scholars Program, Case Western Reserve University, Cleveland, OH, July, 2019.
7. Chehade N, Kaelber D. MetroHealth's Road to Success: The IT Approach for One of 30 Successful National MSSPs. Midwest Health IT Summit, Cleveland, OH, March, 2019.
8. Kaelber DC. Health and Medical Informatics. Whitetoulip Health Foundation, Cleveland, OH, December, 2019.
9. Kaelber DC. Updates in Clinical Informatics Research @ MetroHealth: Recent Publication in Hepatitis C Population Health. Center for Healthcare Research and Policy Health Services Research Seminar, Cleveland, OH, November, 2019.
10. Kaelber DC. Bringing Care "Home": Successes and Challenges of Telehealth. American College of Physicians Ohio/Air Force Chapter Scientific Meeting, Columbus, OH, October, 2019.
11. Lowenstein I, Perzynski AT, Derenzo M, and Berg K. EcoDistricts and Community Health Measurement: An Introductory Discussion. Health Services Research Seminar Series, MetroHealth Medical Center, Cleveland, OH, 2019.
12. Margolius D, Antenucci A, Avery A, Chan C, Jenkins M, Manning P, Wheeler W. A Case-Based Look at the Treatment of Opioid Use Disorder with Buprenorphine/Naloxone. Medicine Grand Rounds, MetroHealth Medical Center. Cleveland, OH, February 28, 2019.
13. Margolius D. Less Tinkering, More Transforming: Developing Team-Based Primary Care. HRSA Faculty Development Fellowship, NEOMED, Rootstown, OH, April 4th, 2019.
14. McMahon H, Jones A, Margolius D. Building a Culture of Community Health in Cleveland. American Planning Association Ohio Branch. Cleveland, OH, October 3rd, 2019.
15. Perzynski AT. Using the Right Research Methods to Optimize Population Health Management. Panelist, Population Health Symposium: Research, Innovation and Management to Improve Health Outcomes, Cleveland Clinic, Cleveland, OH, 2019.

16. Perzynski AT. How Neighborhood Health Impacts Entrepreneurship. Global Entrepreneurship Week NEO, Cleveland, OH, 2019.
17. Rashid H, Kaelber D. Keynote Dual Discussion - Virtual Health and a Digital Organization. Northern Ohio Healthcare Information Management and Systems Society Spring Conference, Cleveland, OH, May, 2019.
18. Seeholzer E. Medical Management of Obesity. Annual GI Symposium, MetroHealth System, Cleveland, OH, August 16, 2019.
19. Siff J. Using HIT to Address the Opioid Epidemic. Midwest Health IT Summit, Cleveland, OH, March 19, 2019.
20. Siff J. Co-Prescribing of Naloxone with At-Risk Medications. Center for Health Affairs Northeastern Ohio Opioid Consortium Meeting, Cleveland, OH, February 6, 2019.
21. Tarabichi Y. Lung Cancer Screening Barriers at the National and Local Levels: Can Clinical Informatics Save Us? Medicine Grand Rounds, MetroHealth Medical Center, Cleveland, OH, May 16, 2019.
22. Votruba M. Healthcare Reform: The Impact on Cleveland Clinic. Cleveland Clinic, Cleveland, OH, November 12, 2019.

## Abstracts and Conference Talks

## Abstracts/Conference Talks

1. Adebambo I, Liu, Perzynski A. Social Determinants of health Screening in an Immigrant Population. Family Medicine Education Conference, Lancaster, PA, 2019.
2. Adebambo I, Perzynski A, Caron A. Engaging Health Professionals in Health Disparities Learning. Accreditation Council for Graduate Medical Education Annual Education Conference. Orlando, FL, March 7, 2019.
3. Adie Y, Tlimat A, Kats D, Perzynski A, Tarabichi Y. Neighborhood Disadvantage and Lung Cancer Incidence in an Electronic Health Record Cohort. American Thoracic Society International Conference, Dallas, TX, 2019.
4. Adie Y, Tlimat A, Kats D, Perzynski A, Tarabichi Y. Neighborhood Disadvantage and Lung Cancer Incidence in an Electronic Health Record Cohort. 3rd Annual Cancer Disparities Symposium, Case Western Reserve University, Cleveland, OH, 2019.
5. Alsop J, Webel A, Lavakumar M, Gurley D, Gunzler D, Lewis S, Avery A. The Effect of the Collaborative Care Model on Patients with HIV and Depression. 14th International Conference on HIV Treatment and Adherence, Miami, FL, June, 2019.
6. Avery A, Lavakumar M, Webel AR, Alsop J, Gunzler D, Gurley D, Lewis S. Access to HIV Care Correlates with Depression Severity and Rates of Viral Suppression. Conference on Retroviruses and Opportunistic Infections (CROI). Seattle, WA, March, 2019.
7. Avery A, Lavakumar M, Webel A, Alsop J, Gurley D, Gunzler D, Lewis S. Examination of Clinical and Demographic Factors Associated with Depression and Viral Suppression. 14th International Conference on HIV Treatment and Adherence, Miami, FL, June, 2019. [Highlighted by conference organizers as a top poster abstract.]
8. Avery A, Alsop J, Webel A, Lavakumar M, Gurley D, Gunzler D, Lewis S. The Effect of the Collaborative Care Model on Patients with HIV and Depression. 14th International Conference on HIV Treatment and Adherence. Miami, FL, June, 2019. [Highlighted by conference organizers as a top poster abstract.]
9. Bar-Shain D, Garber L, Greco PJ, Hoffman J, Lemkin D, Trudel J. Byte-sized Pieces: Physician Programmers Explain Their Code. Epic Systems Corporation Expert Group Meeting, Verona, WI, May 6, 2019. [Panel Presentation, 146 registered attendees]
10. Bar-Shain DS, Moran B, Rizer M, Tien M. Mentoring for Career & Promotion: Leveraging Your Work in Epic. Physician's Advisory Council: Expert Group Meeting, Epic Systems Corporation, Verona, WI, May 6, 2019.
11. Bar-Shain DS, Siff J. Epic Classic - Down the Opioid Rabbit Hole: Helping Patients Stay Out. User Group Meeting, Epic Systems Corporation, Verona, WI, August 27, 2019.
12. Bauer A, Dao A, Labbad G, Myers, Gibson K. Lidocaine 5% Patch for Acute Post-Operative Pain after Cesarean Delivery: A Retrospective Cohort. SMFM Meeting, Las Vegas, NV, Feb, 2019.

13. Berg K, Dalton JE, Gunzler D, Coulton CJ, Freedman D, Krieger N, Dawson NV, Perzynski AT. Validation of a Neighborhood Risk Index of the Social Determinants of Health. 41st Annual Meeting of the Society for Medical Decision Making, Portland, OR, 2019.
14. Berg K, Perzynski AT. Authentically Listening to Community Voice to Understand Health. All in Data for Community Health National Meeting, Baltimore, MD, 2019.
15. Bolen SD, Lever J, Smith S, Bar-Shain DS, Ordillas E, Ali-Matlock W, DaPrano J, Finley M. Addressing Social Determinants of Health: Connecting Disadvantaged Primary Care Patients to United Way Community Resource Navigation. Society for General Internal Medicine: Annual Meeting, Washington, DC, May 10, 2019. [Poster]
16. Bolen SD, Navale S, Koroukian S, Menegay M, Einstadter D, Wright J, Cebul RD, Perzynski A, Sullivan C, Ali-Matlock W, Lever J, et al. Medication Adherence for Ohio Medicaid Enrollees with Hypertension: Opportunities and Potential Targets in a Time of Tighter BP Goals. National Annual Research Meeting Academy Health, Washington DC, 2019. [Poster]
17. Bolen SD, Lever J, Smith S, Bar-Shain D, Ordillas E, Ali-Matlock W, DaPrano J, Finley M. Connecting Low Income Clinic Patients to Community Resource Navigation to Address Social Determinants of Health. National Annual Research Meeting Academy Health, Washington DC, 2019. [Poster]
18. Bolen SD, Collins C, Khan N, Collins D, Jones M, Tseng E. Engaging Communities to Prevent and Treat Type 2 Diabetes. Society of General Internal Medicine National Meeting, Washington, DC, 2019. [Workshop]
19. Bolen SD, Navale S, Koroukian S, Menegay M, Einstadter D, Wright J, Cebul RD, Perzynski A, Sullivan C, Ali-Matlock W, Lever J, et al. Exploring Medication Adherence for Ohio Medicaid Enrollees with Hypertension in an Era of Tighter Targets: Where are the Opportunities for the Greatest Impact? Society of General Internal Medicine National Meeting, Washington, DC, 2019.
20. Brar S, Hopkins M, Margolius D. A Study of Standard Deviation of Next Available Appointments. Society of General Internal Medicine Annual Meeting, Washington, DC, May, 2019.
21. Briggs F, Conway D, Ontaneda D, Gunzler D. A Person-centered Approach Using Latent Profile Analysis of Impairment in Multiple Sclerosis. Poster Session, Consortium of Multiple Sclerosis Centers Annual Meeting, Seattle, WA, May, 2019.
22. Caron A. Foundations of a Culture of Quality. Network for Regional Healthcare Improvement, New Haven, CT, January 8-9, 2019.
23. Caron A. Exemplary Practice Performance Storytelling. Network for Regional Healthcare Improvement, February 26, 2019. [Webinar]
24. Caron A, Block B, Liu S. Building Practice Strength through Quality Improvement: Building Practice Strength through Quality Improvement: How Practices Sustain QI Efforts. Storytelling, Network for Regional Healthcare Improvement, April 4, 2019. [Webinar]

25. Castro C, Tarabichi Y, Ayache M. Seasonal Trends in Asthma Exacerbations: Are They the Same in Asthma Subgroups? American Thoracic Society Conference, 2019.
26. Dalton JE, Krieger N, Perzynski AT. Modeling and Forecasting Health Trajectories with Dynamically Adaptive Probabilistic Systems. 41st Annual Meeting of the Society for Medical Decision Making. Portland, OR, 2019.
27. Dalton JE, Krieger NI, Perzynski AT. Modeling and Forecasting Health Trajectories with Dynamically Adaptive Probabilistic Systems. 41st Annual Meeting of the Society for Medical Decision Making, Portland, OR, 2019. [Medical Decision Making, 40 (1), E190-E191]
28. Dalton JE, Zidar DA, Krieger NI, Perzynski, Gunzler DD. Age-related Differences in Immuno-hematologic Profiles and Their Association with All-Cause Mortality. Gerontological Society of America Annual Scientific Meeting, Austin, TX, 2019.
29. Davis K, Gibson K, Bar-Shain D, Siff J, Gunzler D, Kaelber D. Using Clinical Decision Support to Decrease the Use of Teratogenic Antihypertensive Medications in Women of Childbearing Age. American Medical Informatics Association: Clinical Informatics Conference, Atlanta, GA, April 30, 2019. [Poster]
30. Davis K, Greco PJ. All the Orders FIT to be Placed: Improving Colorectal Cancer Screening. Epic Systems Corporation Expert Group Meeting, Verona WI, May 6, 2019, 59 registered attendees.
31. Derenzo M, Perzynski AT. Engaging Community, Promoting Health, and Resilience in Believeland. All in Data for Community Health National Meeting, Baltimore, MD, 2019.
32. Elangovan A, Greco P, Davis K, Kaelber DC, Sandhu DS. Managing Fecal Immunochemical Test (FIT) at Population Health Level in an Urban Safety Net Hospital. American College of Gastroenterology National Meeting, San Antonio, TX, 2019.
33. Elangovan A, Skeans JM, Kaelber DC, Cooper G, Sandhu DS. Characteristics of Individuals Undergoing FIT for Colorectal Cancer Screening in a Midwest Urban Safety Net Health Care System. Digestive Diseases Week, San Diego, CA, 2019. [Poster]
34. Flocke S, Seeholzer E, Lewis S, Gill I, Ordillas E, Rose J, Antognoli E, Love T, Kaelber D. 12-Month Evaluation of an EHR Supported Staff Role Change for Provision of Tobacco Cessation Care in 8 Primary Care Safety-net Clinics. Cardi-OH Conference, Columbus, OH, May 17, 2019. Co-awarded best abstract presentation at session.
35. Gatta J, Mistovich RJ, Sivasundaram L, Trivedi N, Kaelber D, Tlimat A. Corroborating the Association Between Major Comorbidities and Slipped Capital Femoral Epiphysis: A Utilization of Big Data. Pediatric Orthopedic Society of North America Annual Meeting, Charlotte, NC, 2019. [Poster]
36. Goyal V, Siff J, Kaelber D. Perception of Electronic versus Paper Code Documentation in Neonatal ICU. American Academy of Pediatrics National Conference and Exhibition, New Orleans, LA, October, 2019. [Poster]
37. Greco PJ. Leveraging External Data for Health Maintenance and Registry Metrics. Epic Systems Corporation Expert Group Meeting, Verona WI, May 7, 2019.

38. Greco PJ. Dealing with the Deluge of Dubious Data. Epic Systems Corporation User Group Meeting, Verona WI, August 28, 2019, 296 registered attendees.
39. Gunzler D. Latent Class Analysis for Health and Medicine. Contributed Session, Mental Health Statistics Section, Joint Statistical Meetings, Denver, CO, July, 2019.
40. Gunzler D, Lewis S, Webel A, Gurley D, Lavakumar M, Avery A. Access to HIV Care Correlates with Depression Severity and Rates of Viral Suppression. Conference of Retroviruses and Opportunistic Infections, Seattle, WA, March, 2019.
41. Gunzler D, Lewis S, Webel A, Lavakumar M, Gurley D, Kulp K, Pile M, El-Hayek V, Avery A. Depression Symptom Trajectories in People Living with HIV in a Collaborative Care Program. Poster Session, Academy Health's Annual Research Meeting, June, 2019. Washington, DC.
42. Gunzler D. Identify Depressive Phenotypes by Applying RDoC Domains to the PHQ-9. Poster Session, MetroHealth Research Day 2019, MetroHealth Medical Center, October 2019.
43. Gunzler D. Latent Class Analysis for Health and Medicine: An Alternative Approach for Subgroup Analysis. Center for Health Care Research & Policy Methods Seminar Series, MetroHealth Medical Center, March, 2019.
44. Huml A. Modest Rates and Wide Variation in Pre-Emptive Re- Listing for Kidney Transplantation in the United States. American Transplant Congress, Boston, MA, 2019.
45. Igoe A, Cassel A, Einstadter D, Hong R, Kaelber D, Ballou S. Re-exploring ANA testing: Overuse of ANA Testing in an Academic Center. Southern Regional Meeting Southern Society for Clinical Investigation, New Orleans, LA, 2019. [Poster]
46. Igoe A, Merjanah S, Movahedian M, Muhieddine L, Ballou S, Tarabichi Y, Greco PJ, Kaelber D. Pap Screening Rates in Systemic Lupus Erythematosus Women at an Academic Center Compared to Non-SLE Women with Racial Comparisons. 13th International Congress on Systemic Lupus Erythematosus, San Francisco, CA, 2019. [Poster]
47. Kats DJ, Adie Y, Tlimat A, Tarabichi Y. Providers at an Academic Safety-Net Hospital System Tend to Refer Patients for Lung Cancer Screening Based on Patient Risk, but Demographic Disparities Persist. American Thoracic Society Conference, 2019.
48. Kats DJ, Tlimat A, Adie Y, Tarabichi Y. Can Historical Electronic Health Record Smoking Data Be Leveraged to Improve the Selection of Patients for Lung Cancer Screening? American Thoracic Society Conference, 2019.
49. Labbad G. Postpartum Anti-D Prophylaxis. ACOG ACSM, San Diego, OH, May, 2019.
50. Ladhani HA, Conrad-Schnetz KJ, Young BT, Posillico SE, Tseng ES, Ho VP, Claridge JA. Opioid Risk Tool can Identify Patients with Increased Inpatient Opioid Use After a Traumatic Injury. Ohio Committee on Trauma Annual Meeting, Columbus, Ohio, May 10, 2019.



51. Ladhani HA, Tseng ES, Claridge JA, Towe CW, Ho VP. Catheter-associated Urinary Tract Infections Among Trauma Patients: Poor Quality of Care or Marker of Effective Rescue? Surgical Infection Society Annual Meeting, San Diego, California, June 7, 2019.
52. Lavakumar M, Lewis S, Gunzler D, Webel A, Gurley D, Alsop J, Avery A. Correlates of Depression Outcomes in Collaborative Care for HIV. Annual Meeting of the Academy of Consultation-Liaison Psychiatry, San Diego, CA, November, 2019.
53. Lavakumar M, Webel A, Alsop J, Gurley D, Gunzler D, Lewis S, Avery A. Examination of Clinical and Demographic Factors Associated with Depression and Viral Suppression. 14th International Conference on HIV Treatment and Adherence, Miami, FL, June 2019.
54. Love TE. Children's Health Initiative Data. University Hospitals Rainbow Babies & Children's Hospital, Cleveland, OH, October, 2019.
55. Love TE. Healthy People, Healthy Communities: Our 23rd Data Report on Adults and Children, Better Health Partnership Learning Collaborative Summit, Warrensville Hts., OH, June 2019.
56. Love TE. Better Health Partnership's 22nd Report to the Community, Better Health Partnership Annual Meeting at the City Club of Cleveland, Cleveland, OH, March, 2019.
57. Ossai C, Pu L, Kaelber DC. Using a Population Health Analytics Tool to Describe the Epidemiology and Demographic Characteristics of Pediatric Patients with Appendicitis. American Academy of Pediatrics National Conference and Exhibition, New Orleans, LA, 2019. [Poster]
58. Pan C, Blackbyrne G, Dhore A, Rivington J, Twohig P, Margolius D. Increasing Resident Awareness of Multidisciplinary Teams on Diabetes Management at an Inner City Hospital in Cleveland, Ohio. Ohio American College of Physicians Annual Meeting, Columbus, OH, October 18, 2019.
59. Papp J, Boulanger B, McBride L, Lawson P, Siff J, Watts B. Decreasing Opioid Prescribing Without Compromising Patient Safety or Experience: A data-driven Approach from an Essential Hospital System. Vizient Academic Clinical Leaders Forum, Chicago, IL, June, 2019. [Podium Presentation]
60. Pu L, Kaelber DC. Using "Big Data" to Determine Prevalence of Side Effects of Chemotherapy in Breast Cancer Patients. American Medical Informatics Association Annual Symposium, Washington, DC, 2019. [Poster]
61. Reed E, Siff J, Wilson L, Papp J, Pikel J. Identification of a Patient Cohort at High Risk of Opioid Overdose Using Electronic Health Records. Society of Academic Emergency Medicine Annual Meeting, Las Vegas, Nevada, May 14, 2019.
62. Riley N, Greco PJ, Kaelber DC. Automated Identification and Discarding of Low-Quality External Medication Information in an Electronic Health Record. AMIA Clinical Informatics Conference, Atlanta, GA, May 1, 2019. [Podium Abstract]

63. Roach MJ, Nemunaitis G. Innovations in Teaching: The Interplay between Technology, Rehabilitation and Social Determinants of Health. Annual Meeting of the American Congress of Rehabilitation n Medicine, Chicago, Ill, November 5-8<sup>th</sup>, 2019.
64. Roach MJ, Nemunaitis G. Innovations in Teaching Students about SCI Clinical Care, Rehabilitation and Technology: The Interplay between that have consequences on Physical, Social and Psychological Health. American Spinal Injury Association. Waikiki, Hawaii, April 2, 2019.
65. Seeholzer E, Lyons K, Thomas C. Comparing Patients With/Without Diabetes in a Safety-net System's Obesity Medicine Clinic 2005-2018. Obesity Week, The Obesity Society, Las Vegas, NV, November, 2019. [Poster]
66. Sudano JJ, Perzynski AT, Berg K, Alden D. Structural Equation Modeling Short Course. Society for Medical Decision Making Annual National Meeting, Portland, OR, October 20, 2019.
67. Tlimat A, Kats J, Perzynski A, Tarabichi Y. A Temporal Analysis of Variation in Smoking Intensity in the Cleveland Area by Strata of Neighborhood Socioeconomic Deprivation. American Thoracic Society International Conference, Dallas, TX, 2019.
68. Ullah F, Kaelber DC. Prevalence of Asthma Among 24 Million Pediatric Patients using Pooled Electronic Health Record Data. Pediatric Academic Societies Meeting, Baltimore, MD, 2019. [Platform Presentation]
69. Votruba M. Waiting for Surgery: Effects on Health and Labor Outcomes. Allied Social Science Association (ASSA) Annual Meeting, American Economic Association, Philadelphia, PA, January, 2019.
70. Young BT, Etheart IA, Krise SM, Ladhani HA, Kreiner LA, Claridge JA. Urban Gun Violence: Partnering with Law Enforcement to Understand the Epidemic. Ohio Committee on Trauma Annual Meeting in Columbus, OH, May 10, 2019.
71. Young BT, Golob JF, Harvey AR, Zolin SJ, Ho VP, Claridge JA. Trauma Center Ratings in Hospital Compare: Poor Performance or Biased Modeling? Surgical Infection Society Annual Meeting, San Diego, CA, June 7, 2019.
72. Zolin SJ, Claridge JA. Effect of Race and Ethnicity on Discharge to Acute Rehabilitation after Severe Injury: A Propensity Score Matched Analysis. Presentation at Ohio Committee on Trauma Annual Meeting in Columbus, OH, May 10, 2019.
73. Zolin SJ, Golob JF, Young BT, Ho VP, Tseng ES, Claridge JA. Mandatory Surgeon Wound Class Documentation Does Not Improve Concordance Between Nurse-Documented Wound Classification and Intraoperative Findings. Surgical Infection Society Annual Meeting, San Diego, CA, June 7, 2019.

## Honors, Patents, Awards, Milestones, and Promotions

## Honors, Patents, Awards, Milestones, and Promotions

### **Bar-Shain, D**

- The Chairman's Award for Excellence. Department of Pediatrics, The MetroHealth System. Annual award by the Department Chair in recognition of extensive contributions in pediatric informatics, June 15, 2019
- Peer-selected as one of the Best Doctors in America. Best Doctor's, Inc., 2019

### **Caron, A**

- Completed the Harvard Macy Institute Program for Educators in Health Professions

### **Claridge, J**

- Elected President Elect, Surgical Infection Society
- Elected President Elect, Eastern Association for the Surgery of Trauma

### **Creamer, J**

- Re-Certification, American Board of Internal Medicine, with new certification in Focused Practice in Hospital Medicine
- Honored by Annals of Internal Medicine for "best reviewers"

### **Greco, P**

- Castle Connolly Regional Top Doctor, 2011- present

### **Gunzler, D**

- Promotion to Associate Professor of Medicine with Tenure, Department of Medicine, Case Western Reserve University, 2019
- Recognized for Outstanding Research and Contributions in the subject of Multiple Sclerosis Risk Factors Contribute to Onset Heterogeneity by Multiple Sclerosis and Related Disorders Journal, June, 2019.
- Top Review Scores for Submitted Abstract, Poster Session, Lavakumar M, Webel A, Alsop J, Gurley D, Gunzler D, Lewis S, Avery A . Examination of Clinical and Demographic Factors Associated with Depression and Viral Suppression. 14th International Conference on HIV Treatment and Adherence. Miami, FL, June, 2019.
- Top Review Scores for Submitted Abstract, Poster Session, Alsop J, Webel A, Lavakumar M, Gurley D, Gunzler D, Lewis S, Avery A. The Effect of the Collaborative Care Model on Patients with HIV and Depression. 14th International Conference on HIV Treatment and Adherence, Miami, FL, June, 2019.

### **Seeholzer, E**

- Healthy Ohio-Healthy Workplace Gold Level Award, administered by the Ohio Department of Health to the MetroHealthy Employee Wellness program (Seeholzer Medical Director), 2019.

- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (Seeholzer Medical Director), 2017–present.

**Votruba, M**

- Weatherhead Undergraduate Teaching Award nominee, Case Western Reserve University, 2010, 2014, 2019, 2020

## Research Trainees

**POPULATION HEALTH RESEARCH INSTITUTE  
RESEARCH TRAINEES – 2019**

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
<b>Avery, Ann</b>					
† Elizabeth Cho	MD	2017-2019	The Role of Inflammation in Depression in PLWH	Medical Student at Case Western Reserve University	Research Mentor
† Wesley Freidrichs Lindberg	MD	2018-2019	Expanding Access to PrEP	Medical Student at Case Western Reserve University	Research Mentor
† Rustin Zomorodi	MD	2015-2019	Expanding Access to PrEP	Medical Student and MPH at Case Western Reserve University	Research Mentor
† Karen Kruzer	MD	2016-2019	Identification of Bipolar Disorder in HIV Outpatient Primary Care	Medical Student at Case Western Reserve University	Research Mentor
† Lisa Fleischer	MD	2015-2019	Adhering to ART: A Qualitative Analysis of Motivations for and Obstacles to Consistent Use of Antiretroviral Therapy	Medical Student at Case Western Reserve University	Research Mentor
<b>Bailit, Jennifer</b>					
† Shree Sundaresh	MD	2019-Pres.	Severity of Opiate Use in Pregnant Women Over Time	Medical Student, Case Western Reserve University	Faculty Mentor
† Gouri Sadananda	MD	2019-Pres.	Severity of Opiate Use in Pregnant Women Over Time	Medical Student, Case Western Reserve University	Faculty Mentor
<b>Bar-Shain, David</b>					
Gabriel Labbad, MD	Certificate in Clinical Informatics	2018-2020	Alerting to Ensure Timely Anti-D Prophylaxis of Post-Partum Women	Clinical Informatics Fellow, MetroHealth Medical Center	Assistant Program Director and Research Mentor
Kristina Garrels, MD	Certificate in Clinical Informatics	2018-2020	Prioritizing Different Channels of Health Data Exchange	Clinical Informatics Fellow, MetroHealth Medical Center	Assistant Program Director and Research Mentor
Jessica Ruff, MD	Certificate in Clinical Informatics	2019-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, MetroHealth Medical Center	Assistant Program Director
<b>Bolen, Shari</b>					
* Daniel Rotroff	N/A	2019-Pres.	Exploiting Longitudinal Data to Identify Complex Disease Subtypes with Modified Risk of Adverse Outcomes	KL2 Scholar - CTSA	Career Mentor

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
<b>Caron, Aleece</b>					
Matthew Baltes, MD	NA	2018-Pres.	Improving Rates of Flu Vaccines in a Primary Care Population	Family Medicine; PCTE HRSA Grant	Faculty Mentor
Katherine Lyons, M.D.	NA	2019-Pres.		Department of Medicine; PCTE HRSA grant	Faculty Mentor
<u>Assim AlAbdulkader</u>	NA	2019-Pres.	Improving Colorectal Cancer Screening Among Adults Ages 50-74	Geriatrics; PCTE HRSA Grant	Faculty Mentor
Doug Van Auken	NA	2019-Pres.		Family Medicine; PCTE HRSA Grant	Faculty Mentor
Lauren Krieger, MD	NA	2019-Pres.	Improving Cervical Cancer Screening for Refugees	Neighborhood Family Practice; PCTE Champions HRSA Grant	Faculty Mentor
Claude Jones, MD	NA	2019-Pres.	Diabetes Group Visits	Care Alliance; PCTE Champions HRSA Grant	Faculty Mentor
Ines Del Cuebas-Rolon	NA	2018-Pres.	Improving Oral Health Screenings in a Pediatric Hispanic Patient Population	Pediatrics; PCTE HRSA Grant	Faculty Mentor
<b>Creamer, Johnbuck</b>					
Kristina Garrels, MD	Certificate in Clinical Informatics	2018-2020	Fellowship in Clinical Informatics Evaluation of a Curriculum to Promote Smarter Use of Observational Data Sets	Clinical Informatics Fellow, MetroHealth Medical Center; Scholars Collaboration in Teaching and Learning Program, Case Western Reserve University School of Medicine	Assistant Program Director, Program Mentor, Project Mentor
Jessica Ruff, MD	Certificate in Clinical Informatics	2019-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Gabriel Labbad, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Kristina Garrels, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Katherine Davis, MD	Certificate in Clinical Informatics	2017-2019	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics



Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Nicholas Riley, MD, PhD	Certificate in Clinical Informatics	2017- 2019	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
<b>Einstadter, Douglas</b>					
† Joseph T. Tanenbaum	MD/PhD	2013-Pres.	Ambulatory Care Sensitive Cardiovascular Hospitalizations: Effects of Patient-Centered Medical Homes	Resident, Orthopedic Surgery, Northwestern U., Chicago, IL	Research Advisor; Member Dissertation Committee
†† Ruzica Z. Conic, MD	PhD	2016-2019	Endotyping Dermatologic Conditions	Surgery Resident, Univ. of Connecticut	Dissertation Committee Member
†† Claudia Cabrera	MS	2016-2019	Comparison of survival between melanoma of the head and neck and melanoma of other regions	Case Western Reserve University	Chair, Thesis Committee
†† Amani Mohamed Hag, MD	MS	2018-2019	Weight Loss Medication: Does it Work?	Fellow, University Hospitals Health System	Member Thesis Committee
Mark Dunlap, MD	MPH	2019–Pres.	Improving the care of patients with CHF	Physician, MHMC, student Baldwin Wallace MPH program	Member Thesis Committee
†† Caroline El Sanadi	PhD	2018-Pres	Modeling the best 2 <sup>nd</sup> line therapy for persons with Type-2 Diabetes	Clinical Research Scholars Program, CWRU	Chair, PhD Committee
†† Julijana Conic	MS	2018–2020	Cardiac MRI to Predict Ischemic Mitral Regurgitation	Resident, Internal Medicine, LSU, New Orleans, LA	Chair, Thesis Committee
Jack McDonnell, MD	MS	2019-Pres.	Role of Social Determinants in Ohio's Infant Mortality Problem	Fellow, Allergy and Immunology, CCF	Faculty Advisor
<b>Greco, Peter</b>					
Jessica Ruff, MD	Certificate in Clinical Informatics	2019-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Gabriel Labbad, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Kristina Garrels, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Katherine Davis, MD	Certificate in Clinical Informatics	2017-2019	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
Nicholas Riley, MD, PhD	Certificate in Clinical Informatics	2017- 2019	Radiology Ordering Decision Support	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics and Research Mentor
<b>Gunzler, Douglas</b>					
Dalhee Yoon	PhD	2017-2019	Peer Relationship Patterns and Their Association with Types of Child Maltreatment and Adolescent Risk Behaviors	PhD student, Jack, Joseph and Morton Mandel School of Applied Social Sciences, Case Western Reserve University	Thesis Committee Member
†† Julijana Conic	MS	2018-Pres.	Unknown	Master's in Clinical Research Program student, CRSP Program, Case Western Reserve University	Research Mentor
<b>Huml, Anne</b>					
Tyrone Hamler, MSW, LSW	PhD	2019 - Pres.	Decisional Conflict Among Older African-Americans with Advanced CKD	Doctoral Candidate in Social Welfare, Adjunct Instructor, CWRU Mandel School of Applied Social Sciences	Research Advisor, Dissertation Committee Member
Hussain Karimi, MD	N/A	2019 - Pres	Systematic review about transitions of care	Internal Medicine Resident, Cleveland Clinic	Research Mentor
<b>Kaelber, David</b>					
Katherine Davis, MD	Certificate in Health Informatics	2017-2019	Angiotensin Converting Enzyme Inhibitors in Women of Child-Bearing Age	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Nicholas Riley, MD, PhD	Certificate in Clinical Informatics	2017-2019	Radiology Ordering Decision Support	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Jessica Ruff, MD	Certificate in Clinical Informatics	2019-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
Gabriel Labbad, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Program Director and Research Mentor
<b>Love, Thomas</b>					
David Ngendahimana, MS	PhD	2016-2019	Design and Sensitivity of Observational Studies	Department of Population and Quantitative Health Sciences, CWRU	Dissertation Advisor

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Mike Fang, MS	PhD	2018-Pres.	Identifying Transcriptomic Signatures of Heart Failure in the Blood of HIV Infected Individuals	Department of Population and Quantitative Health Sciences, CWRU	Dissertation Committee Member
Joseph Hnath, BS	MPH	2019-2020	Evaluating the Effects of State-Level Policies on Access to Abortion Services	Department of Population and Quantitative Health Sciences, CWRU	MPH Capstone Committee Member
†† Erich Kiehl, MD	MS	2018-2019	C-Graph and the Relationship Between pH and Lactic Acid	Clinical Research Scholars Program, CWRU	Thesis Committee Member
Roberto Martinez, MS	PhD	2019-Pres.	Implementation Science and the FreshLink Ambassador Program	Department of Population and Quantitative Health Sciences, CWRU	Dissertation Committee Member
†† Joe Zein, MD, MS	PhD	2017-2020	Gender Differences in Severe Asthma	Clinical Research Scholars Ph.D. Program (CRSP) Scholar	Dissertation Committee Member
† Joseph Tanenbaum, PhD	MD/PhD	2015-2019	Ambulatory Care Sensitive Cardiovascular Hospitalizations: Effects of Patient-Centered Medical Homes	MD/PhD Student and Principal Investigator of an F30 grant from NHLBI entitled "Association of Health Care Delivery and Payment Innovations with Avoidable Cardiovascular Hospitalizations" for 2017-2020, CWRU School of Medicine.	Dissertation Committee Member and MD/PhD Program Sponsor Team Member
Jack McDonnell, MD	MS	2017-Pres.	To be determined	Cleveland Clinic Physician, MS Student with concentration in Health Care Analytics, Department of Population and Quantitative Health Sciences, CWRU	Faculty Advisor
<b>Perzynski, Adam</b>					
Ann Huml, MD		2011-Pres.	Kidney Transplantation Health Disparities	Nephrologist, University Hospitals, Researcher, The MetroHealth System	Research Mentor
Anita Misra-Hebert, MD		2014-Pres.	Primary Care Team Transformation	General Internist, Cleveland Clinic	Research Mentor
Bode Adebambo, MD		2012-Pres.	Health Disparities Education and Research	Attending Physician in a Faculty Development Program at The MetroHealth System	Career and Research Mentor
Jose Marino	MPH	2017-Pres.	Health Risk Assessment in the Spanish Speaking Population	MPH Student, Case Western Reserve University	Career and Research Mentor/Practicum Advisor
Jimmy Yao	MD	2018-Pres.	Neighborhood Disadvantage and Well Child Care	Medical Student, Case Western Reserve University	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
June-Yung Kim	PhD	2017-Pres.	Variations in the Co-occurrence of Mental Health Problems in Adolescents with Prenatal Drug Exposure	PHD Student, Case Western Reserve University MSASS	Research Mentor/Dissertation Committee
Meredith Francis	PhD	2018-Pres.	The Impact of Social Recovery Capital Among Women in Early Recovery	PHD Student, Case Western Reserve University MSASS	Research Mentor/Dissertation Committee
Caitlin Craighead	MPH	2018-Pres.	Community Understandings of Greenspaces and Health	MPH Student, Case Western Reserve University	Career and Research Mentor/Practicum Advisor
Maria Derenzo	MPH	2019-Pres.	Multi-sector Data Sharing for Eco Districts	MPH Student, Case Western Reserve University	Career and Research Mentor/Practicum Advisor
Kristen Berg	PhD	2016-Pres.	Neighborhood Social Processes and Adolescents' Cross-Context Self-Efficacy Across Time	Post-Doctoral Scholar, The MetroHealth System	Research Mentor
Wyatt Bensken	PhD	2019-Pres.	Chronic Conditions Among the Homeless	PhD Student, CWRU PQHS	Research Mentor
<b>Riley, Nicholas</b>					
Jessica Ruff, MD, MPH	Certificate in Clinical Informatics	2019-Pres.	To be determined	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
Gabriel Labbad, MD	Certificate in Clinical Informatics	2019-Pres.	Alerting to Ensure Timely Anti-D Prophylaxis of Post-Partum Women	Clinical Informatics Fellow, The MetroHealth System	Research Advisor and Assistant Program Director for Fellowship in Clinical Informatics
<b>Roach, Mary Jo</b>					
Helen Sun, MD	N/A	2018-2019	Reduction in Interface Pressure During Spinal Immobilization on a Modified Spine Board	Resident, University Hospitals System	Research Advisor
Maria Grabnar, MD	N/A	2019	Are Reflexes Useful in Differentiating LMN Injury from UMN Injury in Persons with SCI?	Spinal Cord Injury Resident, PM&R, MetroHealth System	Research Advisor
Elizabeth Twist, MD	N/A	2019	Peak Interface Pressures of the Skin Safe Spine Board	Spinal Cord Injury Resident, PM&R, MetroHealth System	Research advisor
Cassandra Renfro, MD	N/A	2018-2019	The Relationship Between Spontaneous Activity and Integrity of the Lower Motor Neuron	Spinal Cord Injury Fellow, PM&R, MetroHealth System	Research advisor
Gerald Korty, MD	N/A	2019	Peak Interface Pressures on the New "Skin Safe" Spine Board	Spinal Cord Injury Resident, PM&R, MetroHealth System	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
<b>Seeholzer, Eileen</b>					
Andrea Ramsey, MD	N/A	2017-Pres.	Quality Improvement Resident Project. Enhancing Training Across the Continuum of Education	HRSA-Div. of Medicine	Faculty, Co-facilitator and Mentor
Snigdha Bodepudi, MD	N/A	2017-Pres.	Quality Improvement Resident Project. Enhancing Training Across the Continuum of Education	HRSA-Div. of Medicine	Faculty, Co-facilitator and Mentor
Soud Sedique, MD	N/A	2017-Pres.	Quality Improvement Resident Project. Enhancing Training Across the Continuum of Education	HRSA-Div. of Medicine	Faculty, Co-facilitator and Mentor
Anjali Gupta, MD	N/A	2017-Pres.	Quality Improvement Resident Project. Enhancing Training Across the Continuum of Education	HRSA-Div. of Medicine	Faculty, Co-facilitator and Mentor
Gina Riccardi, M.D.	N/A	2018-Pres.	The Role and Effectiveness of Intensive Behavioral Weight Loss Programs in Obese Adults and Children (Senior Grand Rounds)  Urban and Suburban Weight Loss: Evaluation of STRIDES, a Weight Loss Program at Primary Care Clinics. (national poster)	Division of Medicine	Faculty Mentor
Katherine Lyons, M.D.	N/A	2018-Pres.	Outcomes of Patients with Diabetes Attending a Weight Management Clinic in an Academic Safety-net System	UH/VA Primary Care Medical Resident	Faculty Mentor
<b>Siff, Jonathan</b>					
Jessica Ruff, MD	Certificate in Clinical Informatics	2019-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Gabriel Labbad, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Kristina Garrels, MD	Certificate in Clinical Informatics	2018-Pres.	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics

Trainee	Degree Sought	Training Period	Thesis/Dissertation/Project Title	Current Position/Institution & Funding Source	Role in Training
Katherine Davis, MD	Certificate in Clinical Informatics	2017-2019	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
Nicholas Riley, MD, PhD	Certificate in Clinical Informatics	2017-2019	Fellowship in Clinical Informatics	Clinical Informatics Fellow, The MetroHealth System	Assistant Program Director for Fellowship in Clinical Informatics
† Eric Reed	M.D.	2018-2019	Opioid Peer Support Program Impact in Emergency Department	Medical Student, CWRU	Faculty Co-mentor
<b>Sudano, Joseph</b>					
Sarah Ghoneim, MD	N/A	2019–Pres.	Barrett’s Esophagus and GERD	Internal Medicine Resident, The MetroHealth System	Research Advisor
Zachary Deutch, MD	N/A	2019–Pres.	Takotsubo Cardiomyopathy	Internal Medicine Resident, The MetroHealth System	Research Advisor
Enam Josan, MD	N/A	2019–Pres.	High Flow Nasal Canula in ICU	Internal Medicine Resident, The MetroHealth System	Research Advisor
Nazli Okumus, MD	N/A	2019–Pres.	A-fib, Oblation and Pacemaker	Internal Medicine Resident, The MetroHealth System	Research Advisor
<b>Votruba, Mark</b>					
Joseph Hnath	MPH	2018-2020	Evaluation of Ohio’s Recent Abortion Policy Changes on County-Level Pregnancy Outcomes	Entering Harvard PhD program in fall	Mentor and capstone advisor
Marta Baker	MPH	2019-2020	Evaluating Policy Methods to Decrease Out-of-Pocket Drug Spending		Capstone advisor
Julia Blanchette	PhD	2018-2020	Financial Stress Factors, Psychological Factors and Self-Management Outcomes in Emerging Adults with Type I Diabetes		PhD dissertation committee member

\* KL2 Scholar    † Medical Student    †† CRSP Scholar

## Service Roles

## Service Roles

### National/International

#### Avery, A

- Infectious Disease Society of America (IDSA), Quality Improvement Committee Member
- HIV Medical Association (HIVMA), Chair, Awards Committee

#### Bailit, J

- American College of Obstetricians and Gynecologists. Fellow, 2004-present
- American Board of Obstetrics and Gynecology. Examiner, General Certification Exam, 2009-present
- American College of Obstetricians and Gynecologists / American Board of Obstetrics and Gynecology. Member, Workgroup on Patient Safety, 2014-present
- Society for Maternal Fetal Medicine. Member, 2006-present
- The Leapfrog Group. Member, Maternity Care Expert Panel, 2014-present
- National Quality Forum Perinatal Committee. Member, 2016-present

#### Bar-Shain, D

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

*Journal of Adolescent Health*. Ad Hoc Peer Reviewer, 2018-present

#### Epic Systems Corporation

- Member, Steering Board, Physician's Advisory Council, 2017-2019
- Chairman and Founder, Epic Physician's Advisory Council Mentorship Program, 2019-present
- Member, Immunization Scheduling Experts Discussion Group, 2016-present
- Member, Epic Primary Care Pediatrics Steering Board, 2016-present
- Member, Health Maintenance Brain Trust, 2019-present
- Member, Epic Children's Health Steering Board, 2019-present
- Invited to serve on Advisory Panel Epic Health Maintenance Brain Trust, 2019-present
- Invited to serve on Advisory Board for all of children's health, Epic Children's Health Steering Board, 2019-present
- Elected to three consecutive 2-year terms, Epic Primary Care Pediatrics Steering Board, Epic Systems Corporation, 2016-present

#### Bolen, S

Department of Health and Human Services. Member, National Clinical Care Commission, 2018-present



## **Service Roles – 2019 (Continued)**

Society of General Internal Medicine. Member, 2001-present

- Member, Abstract Review Committee, 2010-present

Journal of General Internal Medicine

- Deputy Editor Mentor, 2018-2019

Reviewer

- *Preventive Medicine*, 2019-present
- *Journal of General Internal Medicine*, 2013-present
- *Journal of Health Care Disparities Research and Practice*, 2013-present

## **Caron, A**

- Association of Medical Colleges (AAMC). Past Chair, Group on Educational Affairs, 2018-2020
- Association of Medical Colleges (AAMC). Scientific Abstract Reviewer, Learn Serve Lead Review Committee, 2018-present
- Agency for Healthcare Research and Quality. Scientific Reviewer, Health Information and Technology Research Study Section, 2019-present

## **Claridge, J**

Midwest Surgical Association. Member, 2010-present

Eastern Association for the Surgery of Trauma. Member, 2006-present

- President Elect, 2019-present
- Director-at-Large, 2016-2019
- Member Services Division Chair, 2016-2019
- Board of Directors, 2016-2019

The American Association for the Surgery of Trauma. Member, 2008-present

- Member, Communications Committee, 2019-present
- Member, Documentation and Coding Ad Hoc Committee; 2015-present

Surgical Infection Society. Member, 2006-present

- President Elect, 2019-present
- Chair of SIS/Shock Task Force, 2018-2019
- Co-Chair, Strategic Planning, 2013-present
- Member, Editorial Board, 2012-present

Society of Critical Care Medicine. Member, 2003-present

American College of Surgeons. Fellow, 2006-present

Southeastern Surgical Congress. Member, 2000-present

Alpha Omega Alpha Honor Medical Society. Member, 1995-present

Association for Academic Surgery. Member, 2008-present

Journal Reviewer

- *Annals of Surgery*
- *Surgical Infections*. Reviewer and Editor
- *Journal of Trauma and Acute Care Surgery*
- *Surgery*
- *Injury*

## **Service Roles – 2019 (Continued)**

- *Journal of the American College of Surgeons*

### **Creamer, J**

- American Medical Informatics Association. Member
- Gold Humanism Honor Society. Member
- Society of Hospital Medicine. Member

### **Einstadter, D**

- Society of General Internal Medicine. Member, 1990-present
- American College of Physicians. Fellow, 2000-present
- Agency for Healthcare Research and Quality (AHRQ). Standing Member, Health Information Technology Research (HITR) Study Section, 2015-2019

### **Greco, P**

- Epic Systems Corporation. Member, Physician Advisory Council, 1998-present
- American Medical Informatics Association. Reviewer, 2020 Clinical Informatics Conference, 2019

### **Gunzler, D**

American Statistical Association. Member, 2005-present

- Program Chair-Elect 2020 in Mental Health Statistics Section, 2019-2021
- Education Director, Mental Health Statistics Section, 2015-2019
- Organizer, Web-based Lectures, Mental Health Statistics Section, 2015-2019
- Organizer, Mental Health Statistics Section student paper award, Joint Statistical Meetings, 2015-2019
- Reviewer of papers, Mental Health Statistics Section student paper award, Joint Statistical Meetings, 2014-2019
- Member, Sections in Health Policy Statistics, Mental Health Statistics, Social Statistics and Statistics in Epidemiology, 2011-present

National Center for Injury Prevention and Control (NCIPC) of the Centers for Disease Control and Prevention (CDC). Peer Reviewer, 2019-present

Society for Medical Decision Making. Member, 2013-present

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

- Reviewer of abstracts for the 2019 Annual Scientific Meeting, 2019

National Joint Statistical Meetings

- Organizer, Unsupervised Learning with Latent Variables for Biobehavioral Research – Invited Papers, Mental Health Statistics Section. Session has been accepted as an invited session and will take place at the 2020 virtual meeting.

## Service Roles – 2019 (Continued)

### Huml, A

American Society of Nephrology. Member, 2010-2019

Peer Reviewer

- *American Journal of Kidney Disease*
- *Annals of Internal Medicine*
- *BMC Nephrology*
- *Clinical Journal of the American Society of Nephrology*
- *Clinical Transplantation*
- *Journal of General Internal Medicine*
- *PLOS One*
- *Transplantation*

### Kaelber, D

Epic Corporation

- Member, Aggregate Data Program Governing Body, 2018-present
- Member, Cosmos User Group, 2018-present
  - Emeritus, 2018-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

National Institutes of Health. Reviewer, Adolescent and Young Adult – Health End Addition Long-term (AYA-HEAL) Request for Applications, 2019

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
  - Children's Hospital of Philadelphia (Ambulatory), 2019

KLAS. Healthcare Information Technology Reviewer, 2009-present

National Med-Peds Residents' Association (NMPRA). Found and Coordinator, Med-Peds Fellowship Guide, 2002-present

Peer Reviewer

- *Academic Pediatrics*, 2010-present
- *American Journal of Hypertension*, 2008-present
- *Annals of Internal Medicine*, 2009-present (Rated in the top 10% of reviewers in terms of review quality)
- *Applied Clinical Information*, 2013-present
- *BMC Medical Informatics & Decision Making*, 2014-present
- *BMC Pediatrics*, 2017-present
- *International Journal of Health Technology and Management*, 2012-present
- *International Journal of Medical Informatics*, 2007-present

## Service Roles – 2019 (Continued)

- *Journal of Adolescent Health*, 2017-present
- *Journal of the American Medical Association*, 2008-present
- *Journal of Applied Clinical Informatics*, 2009-present
- *Journal of Medical Internet Research*, 2009-present
- *Pediatrics*, 2008-present
- *Public Library of Science (PLOS) One*, 2013-present

### Kauffman, K

- *The Journal of the American Psychiatric Nurses Association*. Peer Reviewer
- *The International Journal of Psychiatry in Medicine*. Peer Reviewer

### Love, T

- *The American Statistician*. Associate Editor, 2005-present
- International Conference on Health Policy Statistics (ICHPS). Member, Fundraising Committee and Student Paper Review, ICHPS 2020, San Diego, CA, 2018-2020
- Agency for Healthcare Research and Quality (AHRQ). Standing Member, AHRQ Health Care Research Training (HCRT) Scientific Review Group (Study Section), 2018-present

### Margolius, D

- Harvard Medical School, Center for Primary Care. Faculty Co-Lead, Medical Director Leadership Institute, 2017-present
- University of Florida Health, H. James Free Center for Primary Care. Member, External Advisory Board, 2018-present
- *Leadership Forum*, Association of Chiefs and Leaders in General Internal Medicine (ACLGIM). Associate Editor, 2018-2019

### Perzynski, A

Department of Health and Human Services. Member, Study Section, Office of Minority Health, 2019

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

- Academic Editor, *Medical Sociology*, *PLOS One*. 2019-present
- Member, Editorial Board, *Medical Decision Making Policy and Practice*, 2015-present

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

## **Service Roles – 2019 (Continued)**

### **Riley, N**

- Siemens Healthineers. Member, Imaging Learning Network, 2017-present
- National Research Network on EHR Audit Log Data. Member, 2018-present

### **Roach, MJ**

National Spinal Cord Injury Model System

- Member, the SCI Model Systems Data Committee, 1995-2000; 2006-2011, 2016-present
- Committee Member, Health Policy Special Interest Group of the SCI Model Systems, 2016-present

American College of Surgeons Trauma Guideline Committee. Member, Rehabilitation Section, 2019-present

### **Seeholzer, E**

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

- Appointed Member, Membership Committee, 2017-present
- Clinical Management Section, 2002-present
- Scientific abstract reviewer 2012-present

Obesity Action Council. Member, 2016-present

American College of Physicians. Member, 2018-present

### **Siff, J**

American Medical Informatics Association. Peer reviewer of articles and meeting submissions, 2010-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

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

Epic Corporation

- Submission Reviewer, International Technical and Leadership Meeting, 2014-present
- International Physician Advisory Council Steering Board, 2014-present
- International Emergency Department Steering Board, 2014-present

Appriss Health. Member, NarxCare Steering Group, 2019-present

Medicalis/Siemens Healthcare. Member, Emergency Department Data Collaborative, 2018-present

### **Tarabichi, Y**

American Thoracic Society. Member, 2012-present

American Medical Informatics Association. Member, 2019-present

Manuscript Reviewer (Ad-hoc)

- *Medical Decision Making*

## Service Roles – 2019 (Continued)

- *American Journal of Preventative Medicine*

### Thornton, J

American Thoracic Society. Member and Fellow, 200-present

- Member, Minority Trainee Development Scholarship Committee, 2014-present
- Member, Board of Directors, 2017-present
- Chair, Behavioral Sciences and Health Services Research Assembly, 2018-2020
- Member, Survey Screening Committee, 2020
- Chair, Behavioral Sciences and Health Services Research Assembly Nominating Committee, 2020
- Chair-Elect, Planning and Evaluation Committee, 2020

National Medical Association. Member, 2002-present

American College of Chest Physicians. Member and Fellow, 2007-present

Society for Critical Care Medicine. Member, 2011-present

American College of Physicians. Member and Fellow, 2016-present

Health Resources and Services Administration (HRSA). Grant Reviewer

Patient-Centered Outcomes Research Institute (PCORI). Grant Reviewer

Journal Reviewer

- *American Journal of Respiratory and Critical Care Medicine*
- *American Journal of Transplantation*
- *Annals of the American Thoracic Society*
- *Annals of Internal Medicine*
- *Chest*
- *Critical Care*
- *Clinical Infectious Diseases*
- *Clinical Transplantation*
- *Journal of General Internal Medicine*
- *Journal of National Medical Association*
- *Journal of Palliative Care*
- *Respiratory Care*
- *Transplantation*

## Regional/Local

### Bailit, J

Ohio Perinatal Quality Collaborative. Member, 2008-present

- Chair, Publications Committee, 2009-present

The MetroHealth System

- Service Line Medical Administrator, Women's and Children Health and Wellness, 2016-present
- Physician Executive, Practice Management and Provider Integration, 2016-present
- Appointment, Promotion, and Tenure Committee, Department of OB/GYN, 2006-present

## **Service Roles – 2019 (Continued)**

### **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, Center for Health Integration. Member, Search Committee, 2018-2019

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

- Attending Physician Preceptor, Internal Medicine Residency Clinic, 2009-2019
- Attending Physician, Lee Harvard and Bedford Clinics, 2009-present
- Director, Clinical Practice Guideline Committee, 2016-2019

The MetroHealth System

- Conference Organizer, Center for Health Care Research and Policy, Health Services Research Seminar Series, 2010-present
- Advisor, Practice GreenHealth Sustainability Advisory Council, 2018-2019
- Member, Population Health Innovation Institute, 2016-present
  - Member, Wellness and Chronic Disease Council, 2017-present
  - Member, Social Determinants of Health Subcommittee, 2018-present
  - Member, Preventive Care and Chronic Disease Management Subcommittee, 2016-present

### **Caron, A**

Central Group on Educational Affairs (regional AAMC). Co-Chair, Improvement Special Interest Group, 2010-present

Family Medicine Educational Consortium (FMEC). Poster Session Coordinator, Planning Committee, 2015-present

Case Western Reserve University. Member, Admissions Committee, Physician Assistant Program, 2020-present

The MetroHealth System

- Co-Chair, The Duncan Neuhauser Annual Quality Improvement Lecture, 2014-present
- Member, Research Conflict of Interest Committee, 2019-present

### **Claridge, J**

American College of Surgeons, Ohio

- Member, State Chapter, 2010-present
- Member, Committee on Trauma, 2006-present
  - Chair, 2015-present

Cleveland Surgical Society. Member, 2005-present

Case Western Reserve University

- Member, Alpha Omega Alpha Selection Committee, 2008-present

## **Service Roles – 2019 (Continued)**

- Member, Surgery Residency Review Committee, 2007-present

### The MetroHealth System

- Service Line Director, Trauma, Critical Care and Burns, and Acute Care, 2015-present
- Division Director of Trauma, Critical Care and Burns, and Acute Care Surgery, 2010-present
- Medical Director of Trauma, 2009-present
- Member, MetroHealth Foundation Board, 2014-present
- Member, Infection Control Committee, 2009-present
- Member, Endoscopy Committee, 2009-present

## **Creamer, J**

### Case Western Reserve University and The MetroHealth System

- Assistant Program Director, Clinical Informatics Fellowship Program, 2016-present

### MetroHealth System, Clinical Informatics

- Director of Clinical Informatics for Inpatient Care, 2019-present
- Member, Biomedical Informatics Committee, 2012-present
- Member, Clinical Informatics Leadership Committee, 2012-present

### The MetroHealth System

- Attending Physician, Department of Internal Medicine, Division of Hospital Medicine, 2009-present
- Medical Director, Cleveland Heights Inpatient Unit, 2017-present
- Member, Graduate Medical Education Committee, 2018-present

## **Einstadter, D**

### University Hospitals Health System, Department of Neurology Residency Program. Lecturer, Introduction to Clinical Research Course

### Case School of Medicine

- Clinical Research Scholars Program. Course Director, CRSP 401: Introduction to Clinical Research Summer Course, 2002-present
- Member, Block One Design Committee, 2006-present
- Coordinator, Clinical Epidemiology Curriculum, 1st year Block One, 2001-present
  - Lecturer, Block One, Becoming a Doctor Course.
- Physician Assistant Program. Lecturer, Introduction to Evidence Based Medicine Course, 2019-present

### The MetroHealth System

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

### Case Western Reserve University and The MetroHealth System

- Interim Director, Center for Health Care Research and Policy, 2018-2019

## **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



## **Service Roles – 2019 (Continued)**

### The MetroHealth System

- Member, Quality Improvement Committee, Department of Medicine, 1993-present
- Member, Compliance Council, 2008-2019
- Member, Biomedical Informatics Committee, 2010-present
- Member, Accountable Care Organization (ACO) Quality Dashboard Committee, 2014-2019
- Director of Informatics, Software Infrastructure, 2010-present
- Mentoring and Lecturing for Informatics Fellowship, MetroHealth Medical Center, 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, 2017-2019
- Member, Data Safety Monitoring Board
  - 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

### Case Western Reserve University, Clinical Translational Science Consortium

- Member, Biostatistics, Evaluation and Research Design (BERD) Core, 2011-present
  - MetroHealth Medical Center Director, 2018-present

### Case School of Medicine, Department of Population and Quantitative Health Sciences

- Member, Search Committee (for three new tenure-track biostatistician faculty positions), 2017-2019
- Member, Research Education Interest Group (REIG), 2017-present
- PHQS 501: Graduate Seminar
  - Latent Variable Mixture Modeling for Cross-Sectional Data in Health and Medicine, March 2019

### Case School of Medicine, Clinical Research Scholars Program

- CRSP 401: Introduction to Clinical Research Summer Series. Taught 1-hour overview lecture on longitudinal data analysis, interrupted time series design and intensive longitudinal data, Summer, July, 2019
- Grader for PhD in Clinical Research Comprehensive Exam, 2017-present

### The MetroHealth System

- Member, Search Committee for Population Health Research Institute Director at MetroHealth Medical Center, 2019
- Faculty, Epidemiology expert for monthly Journal Club for Informatics Fellows at MetroHealth Medical Center, March-August, 2019

### The MetroHealth System, Clinical Research Unit

- Member, Scientific Review Committee, 2011-present

### **Huml, A**

Cleveland Minority Organ and Tissue Transplant Education Program (MOTTEP). Member, Advisory Board, 2014-present

## **Service Roles – 2019 (Continued)**

IPRO ESRD Network of the Ohio River Valley

- Member, Medical Advisory Board, 2017-present
- Co-Chair, Transplant Coalition, 2018-present

Cleveland Clinic

- Attending Nephrologist, Glickman Urological and Kidney Institute, 2018-present
- CCF 17th Annual Minority Men's Health Fair Volunteer – Screening for Kidney Health, April 11, 2019
- Glickman Urological and Kidney Institute, Nephrology Fellowship Lectures: "Pregnancy and Kidney Disease" May 30, 2019; Journal Club: "Hepatitis C and Kidney Transplant"

Kidney Precision Medicine Project (KPMP), NIDDK funded study, Cleveland Community Advisory Board Member, 2019-present

Case Western Reserve University. Chairperson, Review Panel, Mini Grants for Student/Trainee Health Activism Projects, 2019-present

MetroHealth Chester Scholars Selection Committee. Member, 2016-present

### **Kaelber, D**

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

CareSource of Ohio

- Member, Board of Directors, 2014-2019
- Member, Quality Committee, 2015-2019

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

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
- Member, Graduate Medical Education Committee, 2001-2006, 2015-present
- Search Committee
  - Founding Director, Institute for Population Health, 2019
  - Division Chief, Department of Pediatric, Neonatology, 2019

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

## **Service Roles – 2019 (Continued)**

- Member, Information Management Committee, 2010-present

### **Kauffman, K**

Ohio Association of Advanced Practice Nurses Key Person Program. Member, June 2019-present

Case Western Reserve University. Member, Review Panel, Mini Grants for Student/Trainee Health Activism Projects, 2019-current

MetroHealth Advanced Practice Provider Council. Member, December 2018-present

- Legislative Committee Member, March 2019-present

### **Love, T**

Better Health Partnership. Chief Data Scientist, 2017-present

Case Western Reserve University

- Track Leader, Health Care Analytics, MS Program in Biostatistics, Department of Population and Quantitative Health Sciences, 2015-present
- Member, Committee on Faculty Compensation, 2018-present
- Member, Committee on Fringe Benefits, 2018-present

The MetroHealth System. Research Conflicts of Interest Committee, 2019-present

### **Margolius, D**

- Old Brooklyn Community Development Corporation, City of Cleveland. Member, Board of Directors and Chair of Community Health Advisory Board, 2017-present
- First Year Cleveland. Member, Pregnancy and Infant Loss Committee, 2018-present
- University Settlement. Member, Board of Directors, 2019

### **Perzynski, A**

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

InSpirit. Founding Advisory Board Member, 2017-present

Case Western Reserve University. Population Quantitative Health Sciences. Judge, Practicum Poster Competition, Masters in Public Health Program, 2018-2020

The MetroHealth System. Committee on Appointments, Promotion and Tenure, 2019-present

MetroHealth Research

- Member, Data Safety and Monitoring Board, "Contralaterally Controlled FES versus Cyclic NMES for Hand Function after Stroke," 2019-present
- Member, Ad hoc Committee on PhD Scientist Compensation, 2019
- Member, Strategic Planning Committee, 2017-2018
- 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

## **Service Roles – 2019 (Continued)**

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

- Member, Section 2019-present

Case Western Reserve University

- Course Instructor, Spinal Cord Injury from the Time of Injury to Community Participation, 2014-present

MetroHealth Medical Center

- Member and Co-Chair, The MetroHealth Green Team, 2011-present

### **Sehgal, A**

- Policy Matters Ohio, Cleveland, OH. Member, Board of Directors, 2018-present

### **Seeholzer, E**

Health Action Council of Ohio. Member, 2013-present

Case Western Reserve University Teaching

- Gastric Bypass Absorption Appetite and Medical Effects, Block 3; Food to fuel core teaching lecture and clinical correlation with patients, 2010-present
- Obesity Medicine Clinical rotation and outcomes research project mentor. UH/VA Primary Care Internal Medicine Resident Katherine Lyons MD, 2017-2019

The MetroHealth System

- Staff Physician, Department of Internal Medicine, 1999-present
- Medical Director, Adult Weight Loss Surgery and Weight Management Center, 2015-present
- Medical Director, The MetroHealth Select Workplace Population Health Team, 2016-present
- Medical Director, MetroHealthy Employee Wellness Initiative, 2011-present
- Member, Privacy Board, 2016-present
  - Reviews institutional research proposals for compliance to national privacy standards
- Co-Founder and Co-Chair, The Annual MetroHealth Duncan V. Neuhauser Ph.D. Quality Improvement Lecture, 2014-present
- Sustainability Advisory Committee, 2018-present
- Chair/Facilitator, Population Health Institute Tobacco Cessation Committee, 2018-present
- Director, Population Health Research Institute and Center for Health Care Research and Policy Search Committee, 2018-2019
- Preceptor in Weight Management Clinic, Primary Care and Behavior Health Residents and Endocrinology Fellows, Post Graduate Observers, 2005-present
- Observership in Weight Management Clinic, First year medical student from Ohio University Medical School, Alanna Meadows, 2019
- Clinic Obesity Medicine education and training for physicians and advanced practice providers: providers directives readings and intensive clinical mentorship for 6-12 months for Weight Management new clinic providers, 2005-present

## **Service Roles – 2019 (Continued)**

- Obesity Medicine Clinical rotation and outcomes research project mentor. Medicine/Pediatrics Resident/Chief Resident Gina Riccardi, 2017-2019
- Philosophy of Teaching for Primary Care Medicine Residents at MetroHealth System in Internal Medicine, Family Medicine, Obstetrics-Gynecology, Pediatrics. (2-4 hours/year), 2017-2019
- Curriculum Vitae Development Workshop for Primary Care Medicine Residents and at MetroHealth System in Internal Medicine, Family Medicine, Obstetrics-Gynecology, Pediatrics. (4-8 hours/year), 2017-2019
- Masters of Public Health Candidate Mentor for the MetroHealthy Employee Wellness Program, Elodie Louisiane de Ju Nonguierma, Baldwin Wallace College, 2019-2020

### **Siff, J**

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

Ohio Hospital Association Opioid Data Collective. Member, 2018-present

Ohio CMIO Epic Collaborative. Member, 2015-present

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

### **Sudano, J**

- The MetroHealth System. Member, Research Informatics Committee, 2019-present

### **Tarabichi, Y**

Case Western Reserve University, School of Medicine

- Lecturer, Pulmonary Edema & ARDS. Annually recurring medical student lecture, 2016-present

The MetroHealth System

- Director of Clinical Informatics for Research Support, 2019-present
- Associate Director of Clinical Informatics for the Medical Subspecialties, 2015-present
- Assistant Program Director, Clinical Informatics Fellowship, 2019-present
- Attending Physician, Division of Pulmonary and Critical Care Medicine, 2015-present
- Advisor, Medical Bioinformatics Committee, The MetroHealth System, 2015-present

## **Service Roles – 2019 (Continued)**

- Member, SlicerDicer (an Electronic Health Data Self-Service Tool) Committee, 2018-present
- Member, Hospital Readmission Risk Quality Improvement, Committee, 2018-2019
- Member, Sepsis Measures Quality Improvement Committee, 2019-present
- Member, Clinical Informatics Research Optimization Committee, 2019-present
- Member, Data Governance Committee, 2019-present
- Clinical Research Informatics Journal Club Series, Division of Clinical Informatics, 2019
- Instructor, Data Self-Service through SlicerDicer. Recurrent workshop for trainees and house-staff, 2017-2020
- Lecturer, Self-Service and Health Data Literacy. Fellow lecture administered to Clinical Informatics and Pulmonary Fellows, 2019-present

### **Thornton, J**

Lifebanc. Board of Directors, 2013-present

Cleveland Minority Organ Tissue Transplant Education Program (MOTTEP)

- Advisory Board, 2005-present
- Chair, Education Committee, 2007-present
- Vice Chair, Board of Directors 2020

The MetroHealth System

- Attending, Pulmonary Fellow Clinic, 2005-present
- Attending, Pulmonary Clinic, 2005-present
- Attending, Medical Intensive Care Unit, 2005-present
- Member, Pulmonary Fellowship Committee, 2007-present
- Director, Medical Intensive Care Unit, 2007-present
- Member, Clinical Research Unit Scientific Review Committee, 2014-present
- Member, Department of Medicine Promotion and Tenure Committee, 2019-present
- Co-Director, Center for Reducing Health Disparities, 2014-present

### **Votruba, M**

Case Western Reserve University, Weatherhead School of Management

- Chair, Department of Economics, 2019-present
- Interim Chair, Department of Economics, 2018-2019
- Faculty Director, MSM-Healthcare Program, 2014-present
- Member, Faculty Council, 2016-present
- Director of Graduate Health Programs, 2015-present
- Chair, Howard T. McMyler Lecture Invitation Committee, 2014-present

Case Western Reserve University Teaching

- Healthcare Economics and Policy (ECON 378), Instructor, 2002-present
- Health Economics and Strategy (EMBA 459), Instructor, 2016-present
- Health Economics and Strategy (HSMC 421), Instructor, 2003-present
- Dialogues in Healthcare Management (HSMC 425), Instructor, 2016-present
- Foundations of Clinical Medicine, CWRU School of Medicine, Guest Lecturer, 2007-present
- Foundations of Clinical Medicine, CWRU-Lerner School of Medicine, Guest Lecturer, 2009-present
- Introduction to Clinical Research (CRSP 401), CWRU School of Medicine, Guest Lecturer, 2003-present

## **Service Roles – 2019 (Continued)**

- Public Health Management and Policy (MPHP 439), CWRU School of Medicine, Guest Lecturer, 2004-present

Case Western Reserve University and The MetroHealth System. Director, Health Economics Unit, Center for Health Care Research and Policy, 2003-present