

Dr. Curt Beckwith - Professor of Medicine, Research Scholar

Publications:

Jacka BP, Bazerman LB, Dickerson C, Moody M, Martin J, Patry E, Cady T, Compere H, Boudreau M, **Beckwith CG**. Feasibility of hepatitis C virus testing and linkage in community supervision offices: Great potential but persistent challenges. 2022 *International Journal of Drug Policy*; 103, <https://doi.org/10.1016/j.drugpo.2022.103668>. PMID: 35367903.

Naranbat D, Schneider L, Kantor R, **Beckwith CG**, Bazerman L, Gillani F, Sahu S, Rapoza K, Sam S, Novitsky V, Shin J, Hipolito E, Diaz I, Carnevale D, Tripathi A. DirectDetect SARS-CoV-2 Direct Real-Time RT-PCR Study Using Patient Samples. *ACS Omega* 2022, 7, 4945-4955. PMID: 35187313.

Dong KR, Chen X, Stopka TJ, Must A, **Beckwith CG**, Tang A. Food Access, Dietary Intake, and Nutrition Knowledge of Adults on Probation. *Journal of Nutrition Education and Behavior*. 2022; 54: 510-520. PMID: 35618404.

Dong K, **Beckwith CG**, Grossman A, Weiner DE, Lichtenstein AH. Utilizing the Probation Office as an Opportunity to Screen for Cardiometabolic Outcomes: A Feasibility Study. *Journal of Correctional Healthcare* 2022; 28 (4): 1-9. DOI: 10.1089/jchc.20.11.0102 PMID: 35687477.

Maner M, Omori M, Brinkley-Rubinstein L, **Beckwith CG**, Nowotny K. Infectious Disease Surveillance in U.S. Jails: Findings from a National Survey. *PLoS One*. 2022 Aug 25;17(8): e0272374. doi: 10.1371/journal.pone.0272374. PMID: 36006896; PMCID: PMC9409583.

Bunting AM, Nowotny K, Farabee D, McNeely D, **Beckwith CG**. Characteristics of substance use screening at intake in a sample of U.S. jails. *J Health Care Poor Underserved* 2022. Accepted for publication September 15, 2022.

Benck KN, Seide K, Jones AK, Omori M, Brinkley-Rubinstein L, **Beckwith C**, Nowotny KM. United States County Jail Treatment and Care of Pregnant Incarcerated Persons with Opioid Use Disorder. *Drug and Alcohol Dependence* 2023; vol 247; 109863. <https://doi.org/10.1016/j.drugalcdep.2023.109863>. PMID: 37071946.

Lodolo L, Smyth E, Ngassa Y, Pickard B, LeClair AM, **Beckwith CG**, Wurcel A, “To be honest, you probably would have to read it 50 times”: Stakeholders Views on Using the Opt-Out Approach for Vaccination in Jails, *Open Forum Infectious Diseases*, 2023; ofad212, <https://doi.org/10.1093/ofid/ofad212> PMID: 37197230.

Liu T, Chambers LC, Hansen B, Bazerman LB, Cachay ER, Christopoulos K, Drainoni ML, Gillani FS, Mayer KH, Moore RD, Rana A, **Beckwith CG**. Risk of HIV Viral Rebound in the Era of Universal Treatment in a Multicenter Sample of Persons With HIV in Primary Care. *Open Forum Infect Dis*. 2023 May 10;10(6): ofad257. doi: 10.1093/ofid/ofad257. PMID: 37351454; PMCID: PMC10284343.

Reece R, **Beckwith CG**. The Infectious Diseases Specialist, At Risk of Extinction. *J Infect Dis*. 2023 May 16: jiad160. doi: 10.1093/infdis/jiad160. Epub ahead of print. PMID: 37192330.

Dr. Angela Caliendo - Professor in the Research Scholar Track

Publications:

Hanson KE, Altayar O, **Caliendo AM**, Arias CA, Englund JA, Hayden MK, Lee MJ, Loeb M, Patel R, El Alayli A, Sultan S, Falck-Ytter Y, Lavergne V, Mansour R, Morgan RL, Murad MH, Patel P, Bhimraj A and Mustafa. Infectious Diseases Society of America Guidelines on the Diagnosis of COVID-19: Antigen Testing. Clin Inf Dis. 2023 Jan 26: ciad032. doi: 10.1093/cid/ciad032. Epub ahead of print. PMID: 36702617.

Nyandiko W, Holland S, Vreeman R, DeLong AK, Manne A, Novitsky V, Ngeresa A, Chory A, Aluoch J, Orido M, Jepkemboi E, Sam SS, **Caliendo AM**, Ayaya S, Hogan JW, and Kantor R, for the Resistance in a Pediatric Cohort (RESPECT) Study. HIV-1 Treatment Failure, Drug Resistance and Clinical Outcomes in Perinatally-Infected Children and Adolescents Failing 1st-Line Antiretroviral Therapy in Western Kenya. JAIDS 2022; 89:231-239. PMID: 34723922

Hayden RT, Su Y, Boonyaratanakornkit J, Cook L, Gu Z, Jerome K, Pinsky BA, Sam SS, Tan SK, Zhu H, Tang L and **Caliendo AM**. Matrix Matters: Assessment of Commutability among BK Virus Assays and Standards. J Clin Micro. 2022 Sep 21;60(9): e0055522. doi: 10.1128/jcm.00555-22. Epub 2022 Aug 23. PMID: 35997500; PMCID: PMC9491175. PMID: 35997500

Kalichman SC, Eaton LA, Kalichman MO, Sam SS and **Caliendo AM**. Pre-pandemic predictors of Medication adherence and HIV viral load during the first year of COVID-19. JAIDS. 2023; 92:242-249. DOI: 10.1097/QAI.00000000000003129. PMID: 36730771

Sam SS, Rogers R, Ingersoll J, Kraft CS, and **Caliendo AM**. Evaluation of performance characteristics of the Aptima CMV Quant assay for the detection and quantification of CMV DNA in plasma samples. J Clin Micro. 2023 Feb 22;61(2): e0169922. doi: 10.1128/jcm.01699-22. Epub 2023 Jan 31. PMID: 36719219; PMCID: PMC9945493.

Dr. Philip Chan - Associate Professor

Publications:

Nugent C, Abul Y, White EM, Shehadeh F, Kaczynski M, Oscar Felix L, Ganesan N, Oyebanji OA, Vishnepolskiy I, Didion EM, Paxitzis A, Sheehan ML, **Chan PA**, Pfeifer WM, Dickerson E, Kamojjala S, Wilson BM, Mylonakis E, King CL, Balazs AB, Canaday DH, Gravenstein S. Second monovalent SARS-CoV-2 mRNA booster restores Omicron-specific neutralizing activity in both nursing home residents and health care workers. Vaccine. 2023 Apr 24: S0264-410X (23)00426-7.

Ibanhes FH, Fenn N, Le Brazidec D, Napoleon S, Predmore Z, Skinner A, Zanowick-Marr A, Galipeau D, Raifman J, Dean LT, **Chan PA**. Sexuality Transmitted Infections Risk and Interstate Sexual Networks among Men Who Have Sex with Men in New England. Sex Transm Dis. 2023 Apr 20.

Biello KB, **Chan PA**, Holcomb R, Ndoye CD, Valente PK, Maynard M, Gandhi M, Mayer KH, Mimiaga MJ. PrEPare for Work: A Pilot Randomized Controlled Trial of an Intervention to Optimize HIV PrEP Outcomes Among Male Sex Workers. *AIDS Behav.* 2023 Mar 28.

Maynard MA, **Chan PA**. Implementation of STI chemoprophylaxis in the United States. *Sex Transm Dis.* 2022 Dec 14.

Weng CH, Zhou S, Saal A, Hafferty M, McGuire DC, **Chan PA**. BNT162b2 and mRNA-1273 Vaccine Effectiveness against SARS-CoV-2 and Variants in the Urban Underserved Population. *R I Med J* (2013). 2023 Feb 1;106(1):26-28.

Dean LT, Predmore Z, Skinner A, Napoleon S, **Chan PA**, Raifman J. Optimizing Uptake of Long-Acting Injectable Pre-exposure Prophylaxis for HIV Prevention for Men Who Have Sex with Men. *AIDS Behav.* 2023 Jan 21:1-11.

Tao J, Kapadia J, Fenn N, Almonte AA, Toma E, Murphy M, Nunn A, Su LJ, **Chan PA**. Human papillomavirus vaccination coverage among sexually active young adults aged 18 to 26 at a sexually transmitted infections clinic. *Int J STD AIDS.* 2023 Jan 19:9564624221146605.

Rogers BG, Murphy M, Zanolwick-Marr A, Chambers L, Maynard M, Galipeau D, Toma E, Almonte A, Napoleon S, **Chan PA**. Characterizing HIV Syndemics and the Role of Incarceration Among Men Who have Sex with Men Presenting for Care at a Sexually Transmitted Infections Clinic. *AIDS Behav.* 2023 Jan 12.

Rosenthal AE, Spezia M, Sosnowy C, **Chan PA**. Acceptability of HIV Prevention Approaches Among USA Faith-Based Leaders. *J Relig Health.* 2022 Dec 14.

Murphy M, Rogers BG, Streed C, Hughto JMW, Radix A, Galipeau D, Napoleon S, Scott T, Noh M, Suttan Coats C, Hubbard L, **Chan PA**, Nunn A, Berk J. Implementing Gender-Affirming Care in Correctional Settings: A Review of Key Barriers and Action Steps for Change. *J Correct Health Care.* 2022 Nov 15.

Skinner A, Stein MD, Dean LT, Oldenburg CE, Mimiaga MJ, **Chan PA**, Mayer KH, Raifman J. Same-Sex Marriage Laws, Provider-Patient Communication, and PrEP Awareness and Use Among Gay, Bisexual, and Other Men Who have Sex with Men in the United States. *AIDS Behav.* 2022 Nov 11.

Bhattarai L, MacAskill M, Bertrand T, Howe K, **Chan PA**, Bandy U. Innovative Approaches to Promoting Health Equity through HIV Prevention in Rhode Island. *R I Med J* (2013). 2022 Nov 1;105(9):47-50.

Edelman EJ, Gan G, Dziura J, Esserman D, Porter E, Becker WC, **Chan PA**, Cornman DH, Helfrich CD, Reynolds J, Yager JE, Morford KL, Muvvala SB, Fiellin DA. Effect of Implementation Facilitation to Promote Adoption of Medications for Addiction Treatment in US HIV Clinics: A Randomized Clinical Trial. *JAMA Netw Open.* 2022 Oct 3;5(10): e2236904.

Rogers BG, Sosnowy C, **Chan PA**, Patel RR, Mena LA, Arnold T, Gomillia C, Zanolwick-Marr A, Curoe K, Underwood A, Villalobos J, Chu C, Galipeau D, Montgomery M, Nunn AS. Factors

associated with suboptimal retention in HIV pre-exposure prophylaxis care among men who have sex with men. *AIDS Care*. 2022 Oct 10;1-14.

Marshall SA, Tao J, Horton HK, Montgomery MC, Baloh J, Gu M, Mabin C, Cima M, Nunn AS, **Chan PA**, Zaller ND. Barriers and facilitators to HIV care engagement: Recommendations from people with HIV in rural Arkansas. *J Rural Health*. 2022 Oct 6.

Goedel WC, Rogers BG, Li Y, Nunn AS, Patel RR, Marshall BDL, Mena LA, Ward LM, Brock JB, Napoleon S, Zanolwick-Marr A, Curoe K, Underwood A, Johnson CJ, Lockwood KR,

Chan PA. Pre-exposure Prophylaxis Discontinuation During the COVID-19 Pandemic Among Men Who Have Sex With Men in a Multisite Clinical Cohort in the United States. *J Acquir Immune Defic Syndr*. 2022 Oct 1;91(2):151-156.

McCormick W, Karpowicz J, Chambers LC, Chu HT, Napoleon S, Rajotte J, **Chan PA**. Brief Report: Health Equity and COVID-19 Prevention in the Manufacturing Industry. *R I Med J* (2013). 2022 Sep 1;105(7):62-65.

Willie TC, Knight D, Baral SD, **Chan PA**, Kershaw T, Mayer KH, Stockman JK, Adimora AA, Monger M, Mena LA, Phillips KA, Nunn A. Where's the "Everyday Black Woman"? An intersectional qualitative analysis of Black Women's decision-making regarding HIV pre-exposure prophylaxis (PrEP) in Mississippi. *BMC Public Health*. 2022 Aug 23;22(1):1604.

Murphy MJ, Rogers BG, Chambers LC, Zanolwick-Marr A, Galipeau D, Noh M, Scott T, Napoleon SC, Rose J, **Chan PA**. Characterization of Risk Factors Among Individuals with a History of Incarceration Presenting to a Sexually Transmitted Infections Clinic: Implications for HIV and STI Prevention and Care. *AIDS Patient Care STDS*. 2022 Aug;36(8):291-299.

Rogers BG, Sosnowy C, Zanolwick-Marr A, **Chan PA**, Mena LA, Patel RR, Goedel WC, Arnold T, Chu C, Galipeau D, Montgomery MC, Curoe K, Underwood A, Villalobos J, Gomillia C, Nunn AS. Facilitators for retaining men who have sex with men in pre-exposure prophylaxis care in real world clinic settings within the United States. *BMC Infect Dis*. 2022 Aug 5;22(1):673.

Lewis N, Chambers LC, Chu HT, Fortnam T, De Vito R, Gargano LM, **Chan PA**, McDonald J, Hogan JW. Effectiveness Associated with Vaccination After COVID-19 Recovery in Preventing Reinfection. *JAMA Netw Open*. 2022 Jul 1;5(7): e2223917.

Dr. Cheston Cunha - Teaching Scholar

Publications:

T. F. Barlam, M. Al Mohajer, J. A. Al-Tawfiq, A. J. Auguste, **C. B. Cunha**, G. N. Forrest, et al. SHEA statement on antibiotic stewardship in hospitals during public health emergencies. *Infect Control Hosp Epidemiol* 2022 Vol. 43 Issue 11 Pages 1541-1552. PMID: 36102000 PMC9672827 DOI: 10.1017/ice.2022.194.

E. M. Goldberg, T. R. Lin, **C. B. Cunha**, N. Mujahid, N. M. Davoodi and C. P. Vaughan. Enhancing the quality of prescribing practices for older adults discharged from the emergency department in Rhode Island. *J Am Geriatr Soc* 2022 Vol. 70 Issue 10 Pages 2905-2914. PMID: 35809226 PMC9588533 DOI: 10.1111/jgs.17955.

A. Vassilopoulos, F. Shehadeh, G. Benitez, M. Kalligeros, J. S. Cunha, **C. B. Cunha**, et al. The incidence of opportunistic infections in patients with psoriatic arthritis treated with biologic and targeted synthetic agents: A systematic review and meta-analysis. *Front Pharmacol* 2022 Vol. 13 Pages 992713. PMID: 36278224 PMC9579334 DOI: 10.3389/fphar.2022.992713.

Dr. Susan Cu-Uvin - Research Scholar

Publications:

Restar A, Surace A, Adia A, Goedel W, Ogunbajo A, Jin H, Edeza A, Hernandez L, **Cu-Uvin S**, Operario D. Characterizing Awareness of Pre-Exposure Prophylaxis for HIV Prevention in Manila and Cebu, Philippines: Web-based Survey of Filipino Cisgender Men who have Sex with Men. (2022) *J Med Internet Res*. Jan 7;24(1): e24126. doi: 10.2196/24126. PMID: 34994705. PMID: PMC8783281.

Thompson KD, Meyers DJ, Lee Y, **Cu-Uvin S**, Wilson IB. HIV-Positive and HIV-Negative Women with Medicaid have similar rates of Stillbirth and Preterm Birth. (2022) *Womens Health Rep*. Jan 4;3(1):1-9. doi: 10-1089/whr.2021.0068. PMID: 35136871. PMID: PMC8812497.

Restar AJ, Quilantang MIN, Surace A, Ogunbajo A, Chan R, Adia A, **Cu-Uvin S**, Operario D. Characterizing Problematic Drug Use among Transgender Women and Cisgender Men during the emerging HIV Crisis in the Philippines: Implications for Policy Research. (2022) *AIDS Educ Prev*. Apr;34(2):116-30. PMID: 35438540.

Tong Y, Orang'o E, Nakalembe M, Tonui P, Itsura P, Muthoka K, Titus M, Kiptoo S, Mwangi A. Ong'echa J, Tonui R Odongo B, Mpamani C Rosen B, Moormann A, **Cu-Uvin S**, et.al. The East Africa Consortium for human papillomavirus and cervical cancer in women living with HIV/AIDS. (2022) *Ann Med*. Dec; 54(1):1202-11. PMIC: 35521812. PMID: PMC9090376.

Orang'o EO, Bocage AE, Liu TD, Itsura PM, Tonui PK, Muthoka K, Stephen K, Caliendo AM, Sam SS, **Cu-Uvin S**. Human Immunodeficiency Virus Type 1 RNA Genital Tract Shedding after Cryotherapy for Cervical Intraepithelial Neoplasia I Western Kenya. (2022) *Open Forum Infect Dis*. Dec 16;10(1): ofac662. PMIC: 36632424. PMID: PMC9830484.

Hughes SM, Levy CN, Katz R, Lokken EM, Anahtar MN, Hall MB, Bradley F, Castle PE, Cortez V, Doncel GF Fichorova R, et al. **Cu-Uvin S**. Collaborator. Changes in concentrations of cervicovaginal immune mediators across the menstrual cycle; a systematic review and meta-analysis of individual patient data. (2022) *BMC Med – Meta-Analysis*. Oct 5;20(1):353. PMID: 36195867. PMID: PMC9533580.

Guthrie KM, Rosen RK, Guillen M, Ramirez JJ, Vargas SE, Fava JL, Ham AS, Katz DF, **Cu-Uvin S**, Tumilty S, Smith KA, Buckheit KW, Buckheit RW, Jr Designing Dual Compartment HIV Prevention Products: Women's Sensory Perceptions and Experiences of Suppositories for Rectal and Vaginal Use. AIDS Res Hum Retroviruses. 2022 Jul;38(7):601-610. doi: 10.1089/AID.2021.0038. Epub 2021 Oct 18. PMID: 34544269.

Dr. Erika D'Agata - Professor of Medicine

Publications:

Araos R, Smith RM, Styczynski A, Sanchez F, Acevedo J, Maureira L, Paredes C, González M, Rivas L, Spencer M, Peters A, Khan A, Sepulveda D, Huidobro A, Ferreccio C, Park B, Undurraga E, **D'Agata EMC**, Jara A, Munita J. High burden of intestinal colonization with antimicrobial resistant bacteria in Chile: An Antibiotic Resistance in Communities and Hospitals (ARCH) study. Clin Infect Dis 2023 (*in press*)

Elfanagely YM, Tanzer JR, Shobayo A, Mohamed MFH, Ho JJC, Shemin D, Pavlech L, **D'Agata EMC**. Prevalence and trends of *Clostridioides difficile* infection among persons requiring maintenance hemodialysis: A systematic review and meta-analysis. Infect Control Hosp Epidemiol. 2022 Sep 23;1-8. doi: 10.1017/ice.2022.217. Epub ahead of print. PMID: 36148878.

Argueta EA, Ho JJC, Elfanagely Y, **D'Agata E**, Moss SF. Clinical Implication of Drug Resistance for *H. pylori* Management. Antibiotics (Basel). 2022 Nov 23;11(12):1684. doi: 10.3390/antibiotics11121684. PMID: 36551341; PMCID: PMC9774604.

Dr. Dimitrios Farmakiotis, Teaching Scholar

Publications:

Stephens ML, Mathew A, Banerjee D, **Farmakiotis D**. COVID-associated pulmonary aspergillosis and herpes simplex virus pneumonia in a renal transplant recipient. Transpl Infect Dis 2022; e13978. PMID 36306186.

Lerner AH, Arvanitis P, Vieira K, Klein EJ, **Farmakiotis D**. mRNA vaccination decreases COVID-19-associated morbidity and mortality among organ transplant recipients: a contemporary cohort study. Open Forum Infect Dis 2022; 9(10): ofac503. PMID: 36324327.

Lin EM, Singer H, Telang GH, Chau T, **Farmakiotis D**, Bostom-Robinson L. Sporothrix globosa infection mimicking cryptococcosis in a patient with history of kidney transplant. J Cutan Pathol; in press. PMID: 36661383.

Arvanitis P, Lerner AH, Almaghlouth N, Vieira K, **Farmakiotis D**. Outpatient anti-spike monoclonal antibody administration is associated with decreased morbidity and mortality among patients with cancer and COVID-19. Clin Exp Med; in press. PMID: 36780118. Res Sq 2023 Preprint: rs.3.rs-2433445. PMID: 36711556.

Choueiri TK, Labaki C, Bakouny Z, Hsu CY, Schmidt AL, de Lima Lopes G Jr, Hwang C, Singh SRK, Jani C, Weissmann LB, Griffiths EA, Halabi S, Wu U, Berg S, O'Connor TE, Wise-Draper TM, Panagiotou OA, Klein EJ, Joshi M, Yared F, Dutra MS, Gatson NTN, Blau S, Singh H, Nanchal R, McKay RR, Nonato TK, Quinn R, Rubinstein SM, Puc M, Mavromatis BH, Vikas P, Faller B, Zaren HA, Del Prete S, Russell K, Reuben DY, Accordino MK, Singh H, Frieser CR, Mishra S, Rivera DR, Shyr Y, **Farmakiotis D (equal contribution-last co-author)**, Warner JL. Breakthrough SARS-CoV-2 infections in patients with cancer following two and three doses of COVID-19 mRNA vaccines: a retrospective observational study from the COVID-19 and Cancer Consortium. Lancet Reg Health Am 2023; 19: 100445. PMID: 36818595. SSRN Electronic Journal 2022 Preprint: <http://dx.doi.org/10.2139/ssrn.4089485>.

Johnson DB, Atkins MB, Hennessey C, Wise-Draper T, Heilman H, Awosika J, Bakouny Z, Labaki C, Saliby RM, Hwang C, Singh SRK, Balanchivadze N, Frieser CR, Fecher LA, Yoon JJ, Hayes-Lattin B, Bilen MA, Castellano CA, Lyman GL, Tachicki L, Shah SA, Glover MJ, Flora DB, Wulff-Burchfield E, Kasi A, Abbasi SH, **Farmakiotis D**, Vieira K, Klein EJ, Weissman LB, Jani C, Puc M, Fahey CC, Reuben DY, Mishra S, Beeghly-Fadiel A, French B, Warner JL on behalf of the COVID-19 and Cancer Consortium (CCC19). Impact of COVID-19 in patients on active melanoma therapy and with history of melanoma. BMC Cancer 2023; 23(1): 265.

Bakouny Z, Labaki C, Grover P, Awosika J, Gulati S, Hsu CY, Alimohamed SI, Bashir B, Berg S, Bilen MA, Bowles D, Castellano C, Desai A, Elkrief A, Eton OE, Fecher LA, Flora D, Galsky MD, Gatti-Mays ME, Gesenhues A, Glover MJ, Gopalakrishnan D, Gupta S, Halfdanarson TR, Hayes-Lattin B, Hendawi M, Hsu E, Hwang C, Jandarov R, Jani C, Johnson DB, Joshi M, Khan H, Khan SA, Knox N, Koshkin VS, Kulkarni AA, Kwon DH, Matar S, McKay RR, Mishra S, Moria FA, Nizam A, Nock NL, Nonato TK, Panasci J, Pomerantz L, Portuguese AJ, Provenzano D, Puc M, Rao YJ, Rhodes TD, Riely GJ, Ripp JJ, Rivera AV, Ruiz-Garcia E, Schmidt AL, Schoenfeld AJ, Schwartz GK, Shah SA, Shaya J, Subbiah S, Tachiki LM, Tucker MD, Valdez-Reyes M, Weissmann LB, Wotman MT, Wulff-Burchfield EM, Xie Z, Yang YJ, Thompson MA, Shah DP, Warner JL, Shyr Y, Choueiri TK, Wise-Draper TM; COVID-19 and Cancer Consortium (including **Farmakiotis D**). Interplay of immunosuppression and immunotherapy among patients with cancer and COVID-19. JAMA Oncol; in press. PMID: 36326731.

Guermaz D, Arvanitis P, **Farmakiotis D**. Molnupiravir efficacy among immunocompromised patients with COVID-19: No proof of concept. Infection 2023; in press. PMID: 37004695.

Navarrete-Welton A, Francis ER, Gohh R, **Farmakiotis D**. Campylobacter infection-associated acute pancreatitis in a renal transplant recipient. R I Med J; accepted for publication.

Dr. Timothy Flanigan – Professor of Medicine

Publications:

Schoenberger SF, Idrisov B, Sereda Y, Kiriazova T, Makarenko O, Bendiks S, Ahuja N, Dutta A, **Flanigan T**, Gillani FS, Lunze K. Police abuse and care engagement of people with HIV who inject drugs in Ukraine. (2022) *Glob Public Health*. Dec; 17(12):3638-53. PMID: 35343870. PMCID: PMC9515241.

McCarthy M, Tao J, Lerebours A, Rodriguez C, **Flanigan TP**. Evaluating Barriers to Viral Suppression among People with HIV in Santiago Dominican Republic. (2022) *J Int Assoc Provid AIDS Care*. Jan-Dec 2022;21:23259582221096522. PMID: 35532067. PMCID: PMC9092578.

Dauria E, Skipalska H, Gopalakrishnan L, Savenko O, Sabadash L, Tolou-Shams M, **Flanigan T**, Navario P, Castillo TP. Exploratory qualitative study examining acceptability of strategies to improve access to substance use treatment and IV prevention services for young adults on probation in Ukraine. (2022) *BMJ Open*. Nov 23;12(11): e061909. PMID: 36418138. PMCID PMC9685251.

Dunkle LM, Kotloff KL, Gay CL, Anex G, Adelglass JM, Hernandez AQB, Harper WL, et al. Efficacy and Safety of NVX-CoV2373 in Adults in the United States and Mexico. **Flanigan TP**, 2019NCoV-301 Study Group Collaborator. (2022) *N Engl J Med*. Feb 10;386(6):532-43. Doi: 10.1056/NEJMoa2116185. PMID: 34910859. PMCID: PMC8693692.

Dr. Joseph Garland - Clinician Educator

Publications:

Anwar A, Ali H, Qamar F, Abbas S, Jamil B, Akhtar N, Nasim A, Iqtidar S, **Garland JM**, Gillani FS. "HIV testing care and treatment: a guide for health care providers in Pakistan." *Journal of Pakistan Society of Internal Medicine*. 2023;4(1):6-14

Dr. Fizza Gillani – Research

Publications:

Schoenberger SF, Kiriazova T, Makarenko O, Sereda Y, Bendiks S, Idrisov B, Ahuja N, Dutta A, Flanigan T, **Gillani FS**, Lunze K. Police abuse and care engagement of people with HIV who inject drugs in Ukraine. (2022) *Glob Public Health*. Dec;17(12):3638-53. 6; PMID: 35343870. PMCID: PMC9515241.

Steingrimsson, J, Fulton J, Howison M, Novitsky V, **Gillani FS**, Bertrand T, Civitarese A, Howe K, Ronquillo G, LaFazia B, Parillo Z, Theodore M, Chan PA, Bhattarai L, Dunn C, Bandy U, Alexander-Scott N, Hogan JW, Kantor R. Beyond HIV outbreaks: rationale, study design, and implementation of a prospective study quantifying the benefit of incorporating viral sequence clustering analysis into routine public health interventions. (2022) *BMJ Open*. Apr 21; 12(4): e060184. PMID: 35450916. PMCID: PMC9024226.

Novitsky V, Steingrimsson J, Howison M, Dunn C, **Gillani FS**, Fulton J, Bertrand T, Howe K, Bhattarai L, Ronquillo G, MacAskill M, Bandy U, Hogan J, Kantor K. Not All Clusters Are Equal: Dynamics of Molecular HIV-1 Clusters in a Statewide Rhode Island Epidemic. (2023) *AIDS*. Mar 1;37(3):389-99. PMID: 36695355. PMCID: PMC9881752.

Howison M, **Gillani FS**, Novitsky V, Steingrimsson JA, Fulton J, Bertrand T, Howe K, Civitarese A, Bhattarai L, MacAskill M, Ronquillo G, Hague J, Dunn D, Bandy U, Hogan JW, Kantor R. An automated bioinformatics pipeline informing near-real-time public-health responses to new HIV diagnoses in a statewide HIV epidemic. *Viruses* **2023**, 15(3), 737; <https://doi.org/10.3390/v15030737>

Liu T, Chambers LC, Hansen B, Bazerman LB, Cachay ER, Christopoulos K, Drainoni ML, **Gillani FS**, Mayer KH, Moore RD, Rana A, Beckwith CG. Risk of HIV Viral Rebound in the Era of Universal Treatment in a Multi-Center Sample of Persons with HIV in Primary Care. *Open Forum Infectious Diseases* 2023. Accepted for publication May 3, 2023.

Gillani FS, Abbas S. HIV Awareness, Prevention, and Education in Pakistan. (2022) *JPSIM (J Pakistan Soc Int Med)* Apr-Jun 3(2):162-64.

Anwar A, Ali H, Qamar F, Abbas S, Jamil B, Akhtar N, Nasim A, Iqtadar S, Garland JM, **Gillani FS**. HIV Testing, Care, and Treatment: A Guide for Health Care Providers in Pakistan. (2023) *J Pak Soc Intern Med*. Jan-Mar;4(1): 6-14.

Dr. Erica Hardy - Clinician Educator

Publications:

Weigel G, Theva M, **Hardy E**, Wagner S, Brown B. Sexual and Reproductive Healthcare Visits as a Venue for PrEP Service Delivery among Women in the United States: Results from a Nationally-Representative Survey. *Sex Transm Dis*. 2023 Mar 22. doi: 10.1097/OLQ.01805. Epub ahead of print. PMID: 36943788

Keogh A, Goldberg A, Schroeder C, Slingsby B, **Hardy E**, Michelow IC. Anogenital HSV in Children: Should Providers Be Concerned for Sexual Abuse? *J Pediatr Adolesc Gynecol*. 2023 Jun;36(3):263-267. doi: 10.1016/j.jpag.2023.01.004. Epub 2023 Jan 21. PMID: 36693446.

Hardy EJ, Palomaki GE, Sung CJ, Lambert-Messerlian GM. Surveillance of SARS-CoV-2 Antibodies in Early 2020 among Rhode Island Pregnancies. *Ann Clin Lab Sci*. 2022 Sep;52(5):788-795. PMID: 36261192.

Rebecca J. Barron MD, MPH, Nina G. Faynshtayn, Erica Jessen MD, Abigail L. Girardin BS, Tovy Haber Kamine MD, Elizabeth M. Schoenfeld MD, MS, **Erica J. Hardy, MD, MMSc**, Janette Baird PhD, Alan A. Siero BA, Alyson J. McGregor MD, MA. Characteristics of acute sexual assault care in New England emergency departments. *Journal of the American College of emergency Physicians Open* 2023;4: e12955. PMID: 37193060.

Malhamé, Isabelle & **Hardy, Erica** & Cheng, Matthew & Tong, Steven & Bowen, Asha. (2023). Walking the walk to include pregnant participants in non-obstetric clinical trials: Insights from the SNAP Trial. *Obstetric Medicine*. 2023 Mar;16(1):3-4. PMID: 37139509.

Dr. Jennie Johnson - Clinician Educator

Publications:

Dunkle LM, Kotloff KL, Gay CL et al. and the 2019nCoV-301 Study Group. “Efficacy and Safety of NVX-CoV2373 in Adults in the United States and Mexico.” *New Engl J Med*. 2022. Feb 10;386(6):531-543. doi: 10.1056/NEJMoa2116185. *Role in study:* collaborator.

Dr. Rami Kantor - Research Scholar

Publications:

S Aung, N Hardy, SA Chrysanthopoulou, A Kyaw, MS Tun, KW Aung, A Rana, **R Kantor**. Stigma Determines Antiretroviral Adherence in Adults with HIV in Myanmar. *Journal of AIDS* 2022; 89:19-26. PMID 34542090.

A Guang, M Howison, L Ledingham, M D’Antuono, PA Chan, C Lawrence, CW Dunn, **R Kantor**. Incorporating within-host diversity in phylogenetic analyses for detecting clusters of new HIV diagnoses. *Frontiers in Microbiology* 2022; 12:803190. PMID: 35250908 PMCID: PMC8891961.

N Naranbat, L Schneider, **R Kantor**, C Beckwith, L Bazerman, F Gillani, S Sahu, K Rapoza, S Sam, V Novitsky, J Shin, E Hipolito, I Diaz, D Carnevale, A Tripathi. DirectDetect SARS-CoV-2 direct real-time RT-PCR study using patient samples. *ACS Omega* 2022; 7:4945-55. PMID: 35187313 PMCID: PMC8845437.

C Myers, E Apondi, JJ Toromo, M Omollo, S Bakari, J Aluoch, F Sang, T Njoroge, Z Morris, **R Kantor**, P Braitstein, WM Nyandiko, K Wools-Kaloustian, B Elul, RC Vreeman, LA Enane. “Who am I going to stay with? Who will accept me?” – Family-level influences on HIV care engagement among disengaged Kenyan adolescents. *JIAS* 2022;25: e25890. PMID: 35192747; PMCID: PMC8863355.

A Manne, A Delong, W Nyandiko, AK DeLong, R Vreeman, V Novitsky, A Ngeresa, E Sang, A Chory, J Aluoch, E Jepkemboi, M Orido, C Ashimosi, F Sang, JW Hogan, **R Kantor**. Real-life feasibility of HIV drug resistance testing using dried filter analytes in Kenyan children and adolescents living with HIV. *Microbiology Spectrum* 2022;10: e0267521. PMID: 35389242.

JA Steingrimsson, J Fulton, M Howison, FS Gillani, Y Li, A Manne, V Novitsky, M Spence, Z Parillo, T Marak, PA Chan, T Bertrand, U Bandy, N Alexander-Scott, CW Dunn, J Hogan, **R Kantor**. Beyond HIV outbreaks: protocol, rationale and implementation of a prospective study quantifying the benefit of incorporating viral sequence clustering analysis into routine public health interventions. *BMJ Open*, 2022;12: e060184.

J Humphrey, M Triedman, W Nyandiko, E Sang, E Kemboi, M Alera, V Novitsky, A Manne, E Jepkemboi, M Orido, E Apondi, R Vreeman, K Wools-Kaloustian, **R Kantor**. A challenging knowledge gap: Estimating modes of HIV acquisition among adolescents entering HIV care during adolescence. *Global Pediatric Health* 2022; 9:2333794X221101768. PMID 35664047. PMCID PMC9160889.

JJ Toromo, E Apondi, WM Nyandiko, M Omollo, S Bakari, J Aluoch, **R Kantor**, JD Fortenberry, K Wools-Kaloustian, B Elul, R C Vreeman, L A Enane. I have never talked to anyone to free my mind” – Challenges surrounding status disclosure to adolescents contribute to their disengagement from HIV care: a qualitative study in western Kenya. *BCM Public Health* 2022; 22:1122. PMID 35658924.

R Earnest, R Uddin, N Matluk, N Renzette, SE Turbett, KJ Siddle, C Loreth, G Adams, CH Tomkins-Tinch, ME Petrone, JE Rothman, MI Breban, R Tobias Koch, K Billig, JR Fauver, CBF Vogels, K Bilguvar, B De Kumar, ML Landry, DR Peaper, K Kelly, G Omerza, H Grieser, S Meak, J Martha, HB Dewey, S Kales, D Berenzy, K Carpenter-Azevedo, E King, RC Huard, V Novitsky, M Howison, J Darpolor, A Manne, **R Kantor**, SC Smole, CM Brown, T Fink, AS Lang, GR Gallagher, VE Pitzer, PC Sabeti, S Gabriel, BL MacInnis, R Tewhey, MD Adams, DJ Park, JE Lemieux, ND Grubaugh. Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA. *Cell Rep Med* 2022; 3:100583. PMID: 35480627 PMCID: PMC8913280.

M Singh, V Novitsky, K Carpenter-Azevedo, M Howison, RC Huard, E King, **R Kantor**. SARS-CoV-2 Variants in Rhode Island; May 2022 Update. *RI Medical Journal* 2022; 105:6-11. PMID 35834172.

V Novitsky, J Steingrimsson, M Howison, CW Dunn, FS Gillani, J Fulton, T Bertrand, K Howe, L Bhattarai, G Ronquillo, M MacAskill, U Bandy, J Hogan, **R Kantor**. Not All Clusters Are Equal: Dynamics of Molecular HIV-1 Clusters in a Statewide Rhode Island Epidemic. *AIDS* 2023; 37:389-99. PMID: 36695355. PMCID: PMC9881752.

V Novitsky, W Nyandiko, R Vreeman, AK DeLong, A Manne, M Scanlon, A Ngeresa, J Aluoch, F Sang, C Ashimosi, S Ayaya, E Jepkemboi, M Orido, JW Hogan, **R Kantor**. Added Value of Next Generation Over Sanger Sequencing in Kenyan Youth with Extensive HIV-1 Drug Resistance. *Microbiology Spectrum* 2022;10: e0345422. PMID: 36445146. PMCID: PMC9769539.

S Aung, N Hardy, J Hogan, A DeLong, A Kyaw, MS Tun, KW Aung, **R Kantor**. Characterization of HIV-Related Stigma in Myanmar. *AIDS and Behavior* 2023 (online ahead of print). PMID 36723769.

M Howison, FS Gillani, V Novitsky, J Steingrimsson, C Dunn, J Fulton, T Bertrand, K Howe, L Bhattarai, G Ronquillo, M MacAskill, U Bandy, J Hogan, **R Kantor**. Informing near real-time public health responses to new statewide HIV diagnoses (in press, *Viruses*).

E Gillette, V Naanyu, W Nyandiko, A Chory, M Scanlon, J Aluoch, H Koros, C Ashimosi, W Biegon, D Munyoro, J Lidweye, J Nyagaya, A Delong, **R Kantor**, R Vreeman. HIV-related Stigma Shapes Research Participation for Youth Living with HIV in Kenya. *Journal of the International Association of Providers of AIDS Care* 2023; 22: 23259582231170732. PMID: 37101381, PMCID: PMC10141251.

R Kantor, RK Gupta. We should not stop considering HIV drug resistance testing at failure of 1st-line antiretroviral therapy. *Lancet HIV* 2023;10: e202-e208. PMID 36610438. PMCID10067973.

Dr. John Lonks - Teaching Scholar

Publications:

Baykara Y, Trapassi C, Miceli G, Bouchard C, Bilida S, **Lonks JR**, Mileno M, Radhakrishnan P, Whitehead V, Hong T. Case report: *Brucella Species* Staining as Gram-Positive Rod and Gram-Positive Cocci in Chains. *RI Med J*. 2022 Nov 1;105(9):34-36. PMID: 36300962.

Jenkins DR, Aridi J, Evangelista PT, Wetle TF, Besdine RW, **Lonks JR**. Improvise, Adapt & Overcome: Successful Surgery-Sparing Prosthetic Hip Infection Antibiotic Suppression During COVID-19 Crisis: A Case Report. *RI Med J*. 2023 Mar 1;106(2):13-16. PMID: 36848534.

Dr. Leonard Mermel - Teaching Scholar

Publications:

Sastry R, Wang E, **Mermel LA**. Antibiotic prophylaxis practices in neurosurgery: A Society for Healthcare Epidemiology of America (SHEA) survey. *J Infect Control Hosp Epidemiol*. 2022; 43:662-664 2022. PMID: 34915964.

Walek K, Leary OP, Sastry R, Assad WF, Walsh JM, Horoho J, **Mermel L**. Risk factors and outcomes associated with external ventricular drain infections. *Infect Control Hosp Epidemiol* 43:1859-1866, 2022. PMID: 35471129.

Stephen AH, Andrea SB, Banerjee D, Arafeh M, Askew M, Lueckel SN, Kheirbek T, **Mermel LA**, Adams CA, Levy MM, Heffernan DS. Demographic characteristics associated with severe COVID-19. *SSM Popul Health*. 19:101133, 2022. PMID: 35756546.

Shen B, Mahoney, L, Molino J, **Mermel LA**. Risk factors for early PICC removal: a retrospective study of adult inpatients at an academic medical center. *PLoS One* 17(7): e0264245, 2022. PMID: 35802673.

Iachkine J, Buetti N, de Grooth H-J, Briant AR, Mimoz O, Mégarbane B, Mira J-P, Ruckly S, Souweine B, du Cheyron D, **Mermel LA**, Timsit J-F, Parienti J-J. Development and validation of a multivariable prediction model of central venous catheter-tip colonization in a cohort of five randomized trials. *Crit Care* 2022;26(1):205. doi: 10.1186/s13054-022-04078-x. PMID: 35799302.

Auld D, Has, P, **Mermel L**. Seasonality of healthcare-associated *Stenotrophomonas maltophilia*. *Infect Control Hosp Epidemiol* 2022 Nov 23:1-2. doi: 10.1017/ice.2022.280. Online ahead of print. PMID: 36416200.

Basta MN, White-Dzuro CG, Winocour JS, Rao V, Liu PY, Kwan D, Breuing KH, Sullivan R, **Mermel L**, Drolet BC, Schmidt S. Alpha Defensin-1 biomarker outperforms culture in diagnosing breast implant-related infection: Results from a multicenter, prospective study. *Plast Reconstr Surg* 2022 Dec 5. doi:10.1097/PRS.0000000000009982. Online ahead of print. PMID: 36729968.

Hadaway L, **Mermel LA**. Midline catheters – Could they replace a central vascular access device? *J Infus Nursing* 45:220-224, 2022. PMID: 35820127.

Buetti N, Marschall J, Drees M, Fakih MG, Hadaway L, Maragakis L, Monsees E, Novosad S, O'Grady NP, Rupp ME, Wolf J, Yokoe D, **Mermel LA**. Strategies to prevent central line-associated bloodstream infections in acute care hospitals: 2022 update. *Infect Control Hosp Epidemiol* 43:1-17, 2022. 2022 Online ahead of print. PMID: 35437133.

Mermel LA The future of masking. *Infect Control Hosp Epidemiol*. 43:403-404, 2022. PMID: 33504382.

McCormick W, Koster M, Sood G, **Mermel LA**. Level of respiratory protection for healthcare workers caring for COVID-19 patients: A survey of hospital epidemiologists. *Infect Control Hosp Epidemiol* 43:681-683, 2022. PMID: 33602364.

Buetti N, **Mermel LA**, Timsit J-F. Routine catheter-tip cultures for assessing catheter-related bloodstream infections in randomized-controlled trials. *Anaesth Crit Care Pain Med* 2022b;41(1):101006. PMID: 34920150.

Walek KW, Rajski M, Sastry RA, **Mermel LA**. Reducing ventriculoperitoneal shunt infection with intraoperative glove removal. *Infect Control Hosp Epidemiol* 44:234-237, 2023. PMID: 35438070.

Mermel LA. Antimicrobial lock solution for prevention of long-term catheter-related bloodstream infection: Why so little use? *Clin Microbiol Infect* 29:288-290, 2023. PMID: 36442801.

Valette X, Daubin C, du Cheyron D, **Mermel L**, Timsit J-F, Parienti J-F. Development and validation of a multivariable model predicting the required catheter dwell time amongst mechanically ventilated critically ill patients in three randomized trials. *Ann Intensive Care* 2023 Jan 16;13(1):5. doi: 10.1186/s13613-023-01099-9. PMID: 36645531.

Ganga A, Leary OP, Sastry RA, Asaad WF, Svokos KA, Oyelese AA, **Mermel LA**. Antibiotic prophylaxis in penetrating traumatic brain injury: analysis of a single-center series and systematic review of the literature. *Acta Neurochir* 165:303-313, 2023. PMID: 36529784.

Buetti N, Marschall J, Catho G, Timsit J-F, **Mermel L**. Which trial do we need? Infectious and non-infectious complications of peripherally-inserted central venous catheters and midline catheters. *Clin Microbiol Infect* (in press). PMID: 36682453.

Dr. Maria Mileno – Teaching Scholar

Publications:

Dunkle LM, Kotloff KL, Gay CL, Anez G, Adelglass JM, et al...Clinical Trial, Rybak NR - 1 of multiple Collaborators. Efficacy and Safety of NVX-CoV2372 in Adults in the United States and Mexico. (2022) New England J Med. Feb 10;386(6):531-54. Doi: 10.1056/NEJMoa2116186. PMID: 34910859. PMID: PMC8693692.

Guest editor, Rhode Island Medical Journal, Vaccine Issue, August 2020.

Dr. Gerard Nau - Clinical

Publications:

(Note, the last 2 entries were published June 2022 and would not have been captured on last year's annual report).

Identification and mechanistic basis of non-ACE2 blocking neutralizing antibodies from COVID-19 patients with deep RNA sequencing and molecular dynamics simulations. Fredericks AM, East KW, Shi Y, Liu J, Maschietto F, Ayala A, Cioffi WG, Cohen M, Fairbrother WG, Lefort CT, **Nau GJ**, Levy MM, Wang J, Batista VS, Lisi GP, Monaghan SF. Front Mol Biosci. 2022 Dec 16; 9:1080964. doi: 10.3389/fmolb.2022.1080964. eCollection 2022. PMID: 36589229 Free PMC article.

Deep RNA sequencing of intensive care unit patients with COVID-19. Fredericks AM, Jentzsch MS, Cioffi WG, Cohen M, Fairbrother WG, Gandhi SJ, Harrington EO, **Nau GJ**, Reichner JS, Ventetuolo CE, Levy MM, Ayala A, Monaghan SF. Sci Rep. 2022 Sep 21;12(1):15755. doi: 10.1038/s41598-022-20139-1. PMID: 36130991 Free PMC article.

Altered transcriptional responses in the lungs of aged mice after influenza infection. Hernandez AM, Mossman JA, Toapanta FR, Previte DM, Ross TM, **Nau GJ**. Immun Ageing. 2022 Jun 1;19(1):27. doi: 10.1186/s12979-022-00286-9. PMID: 35650631 Free PMC article.

Re: Karin Welén, Ebba Rosendal, Magnus Gisslén, et al. A Phase 2 Trial of the Effect of Antiandrogen Therapy on COVID-19 Outcome: No Evidence of Benefit, Supported by Epidemiology and In Vitro Data. Eur Urol. 2022; 81:285-93: Positive Effects of Enzalutamide for Hospitalized COVID-19 Patients. Wambier CG, **Nau GJ**. Eur Urol. 2022 Jun;81(6):e141-e142. doi: 10.1016/j.eururo.2022.01.049. Epub 2022 Feb 23. PMID: 35304000 Free PMC article. Clinical Trial. No abstract available.

Dr. Marguerite Neil - Teaching Scholar

Publications:

Dunkle L, Kotloff K, Gay CL, et al. **Neill M.** – listed in Collaborations. Efficacy and Safety of NVX-CoV2373 in Adults in the United States and Mexico. (2022) *N Engl J Med.* Feb 10;386(6):531-443. PMI: 34910859. PMCID: PMC8693692.

Dr. Donald Rice – Clinical

Publications:

Jones K, Hadley E, Preiss S, Lofgren E, **Rice DP**, Stoner M, Rhea S, Adams J. Estimate of undetected SARS-CoV-2 infection in acute care settings using an individual-based microsimulation model. *Infection Control & Hospital Epidemiology.* 2022:1-10. PMID: 36047313.

Dr. Josiah Rich - Professor of Medicine and Epidemiology

Publications:

Berk J, Del Pozo B, **Rich JD**, Lee JD. Injecting Opioid Use Disorder Treatment in Jails and Prisons: The Potential of Extended-release Buprenorphine in the Carceral Setting. *J Addict Med.* 2022 Jul-Aug 01;16(4):396-398. Epub 2021 Dec 23. PMID: 34954747; PMCID: PMC9218006.

Curtis M, Berk J, Larney S, **Rich JD**, Stooze M. Switching of opioid agonist treatment modality during imprisonment: A novel marker for increased support need during and following release from prison. *Int J Drug Policy.* 2022; 100:103572. Epub 20220105. PubMed PMID: 34998045; PMCID: PMC8810681.

Dunne EM, Rosen RK, McTigue GL, Jamison RN, Yeh GY, **Rich JD**, Carey MP. The Lived Experience of Managing HIV and Chronic Pain: Qualitative Interviews with Patients and Healthcare Providers. *AIDS Behav.* 2022;26(2):496-511. Epub 20210804. PubMed PMID: 34350531; PMCID: PMC8827137.

Jawa R, Walley AY, Wilson DJ, Green TC, McKenzie M, Hoskinson R, Jr., Bratberg J, Ramsey S, **Rich JD**, Friedmann PD. Prescribe to Save Lives: Improving Buprenorphine Prescribing Among HIV Clinicians. *J Acquir Immune Defic Syndr.* 2022;90(5):546-52. PubMed PMID: 35587832; PMCID: PMC9283214.

Kaplowitz E, Macmadu A, Green TC, Berk J, **Rich JD**, Brinkley-Rubinstein L. "It's probably going to save my life;" attitudes towards treatment among people incarcerated in the era of fentanyl. *Drug Alcohol Depend*. 2022; 232:109325. Epub 20220122. PubMed PMID: 35114617; PMCID: PMC9042078.

Braun HM, **Rich JD**. A Decentralized Model for Supervised Consumption Services. *J Urban Health*. 2022 Apr;99(2):332-333. Epub 2022 Mar 16. PMID: 35294707; PMCID: PMC9033915.

Kaplowitz E, Truong A, Macmadu A, Berk J, Martin H, Burke C, **Rich JD**, Brinkley-Rubinstein L. Anticipated Barriers to Sustained Engagement in Treatment with Medications for Opioid Use Disorder After Release from Incarceration. *J Addict Med*. 2022. Epub 20220802. PubMed PMID: 35916404.

Kaplowitz E, Truong AQ, Berk J, Martin RA, Clarke JG, Wieck M, **Rich J**, Brinkley-Rubinstein L. Treatment preference for opioid use disorder among people who are incarcerated. *J Subst Abuse Treat*. 2022 Jun; 137:108690. Epub 2021 Dec 13. PMID: 34930575; PMCID: PMC9686073.

Macmadu A, Frueh L, Collins AB, Newman R, Barnett NP, **Rich JD**, Clark MA, Marshall BDL. Drug use behaviors, trauma, and emotional affect following the overdose of a social network member: A qualitative investigation. *Int J Drug Policy*. 2022 Sep; 107:103792. Epub 2022 Jul 8. PMID: 35816791; PMCID: PMC9462427.

Martin RA, Berk J, **Rich JD**, Kang A, Fritsche J, Clarke JG. Use of long-acting injectable buprenorphine in the correctional setting. *J Subst Abuse Treat*. 2022; 142:108851. Epub 20220729. PubMed PMID: 35939914.

Bernstein MH, Fuchs N, Rosenfield M, Weiss AP, Blease C, Locher C, Magill M, **Rich J**, Beaudoin FL. Treating Pain with Open-Label Placebos: A Qualitative Study with Post-Surgical Pain Patients. 2021 Nov;22(11):1518-1529. Epub 2021 May 15. PMID: 34004348; PMCID: PMC8578133.

Buchanan A, Sun T, Wu J, Aroke H, Bratberg J, **Rich J**, Kogut S, Hogan J. Toward evaluation of disseminated effects of medications for opioid use disorder within provider-based clusters using routinely-collected health data. *Stat Med*. 2022 Aug 15;41(18):3449-3465. Epub 2022 Jun 8. PMID: 35673849; PMCID: PMC9288976.

Bernstein MH, Rosenfield MN, Blease C, Magill M, Terek RM, Savulescu J, Beaudoin FL, **Rich JD**, Wartolowska K. How do US orthopaedic surgeons view placebo-controlled surgical trials? A pilot online survey study. *J Med Ethics*. 2022 Sep 29: medethics-2022-108221. Epub ahead of print. PMID: 36175126; PMCID: PMC10050223.

Skarha J, Dominick A, Spangler K, Dosa D, **Rich JD**, Savitz DA, Zanolotti A. Provision of Air Conditioning and Heat-Related Mortality in Texas Prisons. *JAMA Netw Open*. 2022 Nov1;5(11): e2239849. Erratum in: *JAMA Netw Open*. 2022 Dec 1;5(12): e2249232. PMID: 36322085; PMCID: PMC9631100.

Sun T, Katenka N, Kogut S, Bratberg J, **Rich J**, Buchanan A. Evaluation of the Effectiveness of Buprenorphine-Naloxone on Opioid Overdose and Death among Insured Patients with Opioid Use Disorder in the United States. *Pharmacoepidemiology*. 2022 Dec;1(3):101-112. Epub 2022 Nov 24. PMID: 36743423; PMCID: PMC9896393.

Martin RA, Alexander-Scott N, Berk J, Carpenter RW, Kang A, Hoadley A, Kaplowitz E, Hurley L, **Rich JD**, Clarke JG. Post-incarceration outcomes of a comprehensive statewide correctional MOUD program: a retrospective cohort study. *Lancet Reg Health Am*. 2022 Dec 23; 18:100419. PMID: 36844014; PMCID: PMC9950664.

Dunne EM, Rosen RK, McTigue GL, Jamison RN, Yeh GY, **Rich JD**, Carey MP. The Lived Experience of Managing HIV and Chronic Pain: Qualitative Interviews with Patients and Healthcare Providers. *AIDS Behav*. 2022 Feb;26(2):496-511. Epub 2021 Aug 4. PMID: 34350531; PMCID: PMC8827137.

Lombardi AR, Arya R, Rosen JG, Thompson E, Welwean R, Tardif J, **Rich JD**, Park JN. Overdose Detection Technologies to Reduce Solitary Overdose Deaths: A Literature Review. *Int J Environ Res Public Health*. 2023 Jan 10;20(2):1230. PMID: 36673987; PMCID: PMC9859116.

Green TC, Serafinski R, Clark SA, **Rich JD**, Bratberg J. Physician-Delegated Unobserved Induction with Buprenorphine in Pharmacies. *N Engl J Med*. 2023 Jan 12;388(2):185-186. PMID: 36630629.

Frueh L, Collins AB, Newman R, Barnett NP, **Rich JD**, Clark MA, Marshall BDL, Macmadu A. Multi-level influences on increased overdose risk behaviors during the COVID-19 pandemic among people who use drugs in Rhode Island: a qualitative investigation. *Harm Reduct J*. 2023 Feb 4;20(1):14. PMID: 36739417; PMCID: PMC9898862.

Bhuptani PH, Block A, Jiménez Muñoz P, Bello MS, Ramsey S, Ranney M, Carey K, **Rich J**, Langdon K. Enhancing distress tolerance to uplift motivation in recovery: Results from an open development trial. *Digit Health*. 2023 Feb 22; 9:20552076231158575. PMID: 36845079; PMCID: PMC9950608.

Skarha J, Spangler K, Dosa D, **Rich JD**, Savitz DA, Zanobetti A. Heat-related mortality in U.S. state and private prisons: A case-crossover analysis. *PLoS One*. 2023 Mar 1;18(3): e0281389. PMID: 36857338; PMCID: PMC9976996.

Alsan M, Yang CS, Jolin JR, Tu L, **Rich JD**. Health Care in U.S. Correctional Facilities - A Limited and Threatened Constitutional Right. *N Engl J Med*. 2023 Mar 2;388(9):847-852. PMID: 36856624.

Park JN, Green TC, **Rich JD**. Overdose Detection Technologies-A New Frontier in Preventing Solitary Drug Overdose Deaths. *JAMA Psychiatry*. 2023 Apr 26. Epub ahead of print. PMID: 37099309.

Friedmann PD, Jawa R, Wilson D, Ramsey S, Hoskinson R, McKenzie M, Walley AY, Green TC, Bratberg J, **Rich J**. Prescribe to save lives: an intervention to increase naloxone prescribing among HIV clinicians. *J Addict Med*. 2023. (In Press)

Burk J, Yan K, Sadacharan R, Lai E, Brinkley-Rubinstein L, Kaplowitz E, **Rich, JD**, Opioid Settlement Funds Should Support Incarcerated People", *Health Affairs Forefront*, February 10, 2023.

Dr. Ralph Rogers - Clinician Educator

Publications:

Rogers R*, Krause P, Norris A, Ting M, Nagami E, Cilley B, Vannier E. Broad antimicrobial resistance in a case of relapsing babesiosis successfully treated with tafenoquine. *Clin Infect Dis* 2023; 76(4):741-4. PMID: 35684960.

Mecadon K, Arvanitis P, Farmakiotis D, **Rogers R***. Single-center experience with nirmatrelvir/ritonavir in kidney transplant recipients on maintenance tacrolimus. *Clin Transplant* 2022; 36(8): e14752. PMID: 35713302.

Ollila T, Masel R, Reagan J, Lu S, **Rogers R**, Paiva K, Taher R, Burguera-Couce E, Zayac A, Yakirevich I, Niroula R, Barth P, Olszewski A. Seroconversion, and outcomes after initial and booster COVID-19 vaccination in adults with hematologic malignancies. *Cancer* 2022; 128(18): 3319-29. PMID: 35811461.

ACTIV-3 / Therapeutics for Inpatients with COVID-19 (TICO) Study Group: Holland T, Ginde A, Paredes R, Murray T, Engen N, Grandits G, Vekstein A, Ivey N, Mourad A, Sandkovsky U, Gottlieb R, Berhe M, Jain M, Marines-Price R, Agbor Agbor B, Mateu L, Espana-Cueto S, Lladós G, Mylonakis E, **Rogers R**, Shehadeh F, Filbin M, Hibbert K, Kim K, Tran T, Morris P, Cassity E, Trautner B, Pandit L, Knowlton K, Leither L, Matthay M, Rogers A, Drake W, Jones B, Poulakou G, Syrigos K, Fernandez-Cruz E, Di Natale M, Almasri E, Balerdi-Sarasola L, Bhagani S, Boyle K, Casey JD, Chen P, Douin D, Files D, Günthard H, Hite R, Hyzy R, Khan A, Kibirige M, Kidega R, Kimuli I, Kiweewa F, Jensen J, Leshnower B, Lutaakome J, Manian P, Morales-Rull J, O'Mahony D, Overcash J, Ramachandruni S, Steingrub J, Taha H, Waters M, Young B, Phillips A, Murray D, Jensen T, Padilla M, Sahner D, Shaw-Saliba K, Dewar R, Teitelbaum M, Natarajan V, Rehman M, Pett S, Hudson F, Touloumi G, Brown S, Self W, Chang C, Sanchez A, Weintrob A, Hatlen T, Grund B, Sharma S, Reilly C, Garbes P, Esser M, Templeton A, Babiker A, Davey V, Gelijns A, Higgs E, Kan V, Matthews G, Thompson B, Neaton J, Lane H, Lundgren J. Tixagevimab/cilgavimab for treatment of patients hospitalized with COVID-19: a randomized, double-blind, phase 3 trial. *Lancet Respir Med* 2022; 10(10):972-84. PMID: 35817072.

Somersan-Karakaya S, Mylonakis E, Menon V, Wells J, Ali S, Sivapalasingam S, Sun Y, Bhore R, Mei J, Miller J, Cupelli L, Forelo-Neto E, Hooper A, Hamilton J, Pan C, Pham V, Zhao Y, Hosain R, Mahmood A, Davis J, Turner K, Kim Y, Cook A, Kowal B, Soo Y, Dicioccio A, Geba G, Stahl N, Lipsich L, Braunstein N, Herman G, Yancopoulos G, Weinreich D, COVID-19 Phase 2/3 Hospitalized Trial Team (**including Rogers R**). Casirivimab and imdevimab for the treatment of hospitalized patients with COVID-19. *J Infect Dis* 2022; 227(1):23-34. PMID: 35895508.

ACTIV-3 / Therapeutics for Inpatients with COVID-19 (TICO) Study Group: Barkauskas C, Mylonakis E, Poulakou G, Young B, Vock D, Siegel L, Engen N, Grandits G, Mosaly N, Vekstein A, **Rogers R**, Shehadeh F, Kaczynski M, Mylona E, Syrigos K, Rapti V, Lye D, Hui D, Leither L, Knowlton K, Jain M, Marines-Price R, Osuji A, Overcash J, Kalomenidis I, Barmparessou Z, Waters M, Zepeda K, Chen P, Torbati S, Kiweewa F, Sebudde N, Almasri E, Hughes A, Bhagani S, Rodger A, Sandkovsky U, Gottlieb R, Nnakelu E, Trautner B, Menon V, Lutaakome J, Matthay M, Robinson P, Protopapas K, Koulouris N, Kimuli I, Baduashvili A, Braun D, Günthard H, Ramachandrani S, Kidega R, Kim K, Hatlen T, Phillips A, Murray D, Jensen T, Padilla M, Accardi E, Shaw-Saliba K, Dewar R, Teitelbaum M, Natarajan V, Laverdure S, Highbarger H, Rehman T, Vogel S, Vallee D, Crew P, Atri N, Schechner A, Pett S, Hudson F, Badrock J, Touloumi G, Brown S, Self W, North C, Ginde A, Chang C, Kelleher A, Nagy-Agren S, Vasudeva S, Looney D, Nguyen H, Sanchez A, Weintrob A, Grund B, Sharma S, Reilly C, Paredes R, Bednarska A, Gerry N, Babiker A, Davey V, Gelijns A, Higgs E, Kan V, Matthews G, Thompson B, Legenne P, Chandra R, Lane H, Neaton J, Lundgren J. Efficacy and safety of ensovibep for adults hospitalized with COVID-19: a randomized controlled trial. *Ann Intern Med* 2022; 175(9):1266-74. PMID: 35939810.

Sam S, **Rogers R**, Ingersoll J, Kraft C, Caliendo A. Evaluation of performance characteristics of the Aptima CMV Quant assay for the detection and quantification of CMV DNA in plasma samples. *J Clin Microbiol* 2023; 61(2):e01699-22. PMID: 36719219.

Wang T, Wahed A, Morris A, Baumann Kreuziger L, Quigley J, Lamas G, Weissman A, Lopez-Sendon J, Knodson M, Siegal D, Kasthuri R, Alexander A, Wahid L, Atassi B, Miller P, Lawson J, Patel B, Krishnan J, Shapiro N, Martin D, Kindzelski A, Leifer E, Joo J, Lyu L, Pennella A, Everett B, Geraci M, Anstrom K, Ortel T, ACTIV-4C Study Group (**including Rogers R**). Effect of thromboprophylaxis on clinical outcomes after COVID-19 hospitalization. *Ann Intern Med* 2023; 176(4):515-23. PMID: 36940444.

Dr. Natasha Rybak - Clinical

Publications:

Kuzyk PV, Padilla R, **Rybak NR**, Hoshovska II, Kitov VO, Savchyna MO, Jenkins HE, Chiang SS, Horsburgh CR, Dolynska M, Petrenko V, Gychka SG. Missed Tuberculosis Diagnoses: Analysis of Pediatric Autopsy Data from General Hospitals in Lviv, Ukraine. J Pediatric Infect Dis Soc. 2022 Jun 22;11(6):300-302. doi: 10.1093/jpids/piac016. PMID: 35395086; PMCID: PMC9214781.

Khalife S, Jenkins HE, Dolynska M, Terleieva I, Varchenko I, Liu T, Carter EJ, Horsburgh CR, **Rybak NR**, Petrenko V, Chiang SS. Incidence and Mortality of Extrapulmonary Tuberculosis in Ukraine: Analysis of National Surveillance Data. Clin Infect Dis. 2022 Sep 10;75(4):604-612. doi: 10.1093/cid/ciab1018. PMID: 34929028; PMCID: PMC9464074.

Theodore DA, Branche AR, Zhang L, Graciaa DS, Choudhary M, Hatlen TJ, Osman R, Babu TM, Robinson ST, Gilbert PB, Follmann D, Janes H, Kublin JG, Baden LR, Goepfert P, Gray GE, Grinsztejn B, Kotloff KL, Gay CL, Leav B, Miller J, Hirsch I, Sadoff J, Dunkle LM, Neuzil KM, Corey L, Falsey AR, El Sahly HM, Sobieszczyk ME, Huang Y; COVID-19 Prevention Network (CoVPN). Clinical and Demographic Factors Associated With COVID-19, Severe COVID-19, and SARS-CoV-2 Infection in Adults: A Secondary Cross-Protocol Analysis of 4 Randomized Clinical Trials. JAMA Netw Open. 2023 Jul 3;6(7): e2323349. doi: 10.1001/jamanetworkopen.2023.23349. PMID: 37440227; PMCID: PMC10346130.

Dr. Martha Sanchez - Clinical Educator

Publications:

McCarthy M, Tao J, Lerebours A, Rodriguez C, Flanigan TP, **Sanchez MC**. Evaluating Barriers to Viral Suppression among People with HIV in Santiago, Dominican Republic. J Int Assoc Provid AIDS Care. 2022 Jan-Dec; 21:23259582221096522. doi: 10.1177/23259582221096522. PMID: 35532067; PMCID: PMC9092578.

Dr. Anuoluwapo Shobayo - Clinical Educator

Publications:

Y. M. Elfanagely, J. R. Tanzer, **A. Shobayo**, M. F. H. Mohamed, J. J. C. Ho, D. Shemin, et al. Prevalence and trends of Clostridioides difficile infection among persons requiring maintenance hemodialysis: A systematic review and meta-analysis. Infect Control Hosp Epidemiol 2022 Pages 1-8 PMID: 36148878 DOI: 10.1017/ice.2022.217.

Dr. Karen Tashima - Research Scholar, Professor

Publications:

Cioe PA, Schnoll R, Hoepfner BB, Gross R, Hitsman BL, Leone FT, Ashare R, Vilardaga R, **Tashima K**, Pinkston M, Kahler CW. The Impact of the COVID-19 Pandemic on Stress, Isolation, Smoking Behaviors, and Motivation to Quit in People with HIV Who Smoke. *AIDS Behav.* 2023 Jun;27(6):1862-1869. doi: 10.1007/s10461-022-03917-w. Epub 2022 Nov 11. PMID: 36357808; PMCID: PMC9649403.

Mena Lora AJ, Long JE, Huang Y, Baden LR, El Sahly HM, Follmann D, Goepfert P, Gray G, Grinsztejn B, Kotloff K, Roupheal N, Sobieszczyk M, Walsh SR, Andriesen J, Shah KA, Zhang Y, Gilbert P, Janes H, Gay CL, Falsey AR, Tripp RL, Gorman RL, Tong T, Marovich M, Neuzil K, Corey L, Kublin JG; COVID-19 Prevention Network. Rapid Development of an Integrated Network Infrastructure to Conduct Phase 3 COVID-19 Vaccine Trials. *JAMA Netw Open.* 2023 Jan 3;6(1): e2251974. doi: 10.1001/jamanetworkopen.2022.51974. Erratum in: *JAMA Netw Open.* 2023 May 1;6(5): e2317317. PMID: 36689221. (**Karen Tashima** list as part of the COVID-19 Prevention Network)

Dr. Francine Touzard Romo - Clinical Educator

Publications:

Peer reviewed: McCormick W, Jackson G, Andrea S, Whitehead V, Chargualaf T, **Touzard Romo F**. Impact of mandatory Nucleic Acid Amplification Test (NAAT) testing approval on hospital-onset *Clostridioides difficile* infection (HO-CDI) rates: A Diagnostic Stewardship Intervention. *Infect Control Hosp Epidemiol* (2023). Accepted Ref No. ICHE-43638R3.

Non peer reviewed: Newspaper article: **Touzard Romo F**, The Good and The Bad about Antibiotics: a Newport Hospital expert weight in. (2022) *The Newport Daily News*.

Dr. Allan Tunkel - Professor of Medicine and Medical Science, Teaching Scholar Track

Publications:

Savaria MC, Min S, Aghogoli G, **Tunkel AR**, Hirsch DA, Michelow, IC. Enhancing the one-minute preceptor for clinical teaching with a DEFT approach. *Int J Infect Dis* 2022; 115:149-153. PMID: 34883233.

Le Marechal M, Diaz-Arias LA, Beekmann SE, Polgreen P, Messacar K, **Tunkel AR**, Thakur KT, Venkatesan A. Perspectives on diagnosis and management of all-cause encephalitis: a national survey of adult infectious diseases physicians. *Open Forum Infect Dis* 2023; <https://doi.org/10.1093/ofid/ofad132>. PMID: 37125234

