

CURRICULUM VITAE
Ingrid A. Binswanger, MD, MPH, MS

1. Personal History

Current Positions	Senior Clinician Investigator , Institute for Health Research, Kaiser Permanente Colorado Adjunct Professor , Department of Health Systems Science, Kaiser Permanente Bernard J. Tyson School of Medicine Professor of Medicine and Director of Substance Use and Harm Reduction Research Development , Division of General Internal Medicine, Department of Medicine, University of Colorado School of Medicine (CU SOM) Professor (secondary appointment) , Department of Community and Behavioral Health, Colorado School of Public Health Affiliated Member , Division of Addiction Science, Prevention and Treatment, University of Colorado School of Medicine Adjunct Professor , Department of Health Systems Science, Kaiser Permanente Bernard J. Tyson School of Medicine
Office	Institute for Health Research, Kaiser Permanente Colorado, Aurora CO
Practice	Kaiser Permanente Colorado Skyline Medical Offices Rapid Start Clinic, Denver CO
Telephone	(appointments) 303-338-4545 or 303-471-7700
Websites	http://kpc-co-ihr.org/bio-binswanger.html https://medschool.cuanschutz.edu/general-internal-medicine/faculty https://medschool.kp.org/faculty/members/ingrid-a-binswanger?faculty=true https://www.researchgate.net/profile/Ingrid-Binswanger
Languages	English, French, Spanish

2. Education

1990-1994	Bachelor of Arts , Swarthmore College Graduated with Distinction in Biology, Phi Beta Kappa Concentration in Women's Studies
1995-1998	Master of Science in Health and Medical Sciences , School of Public Health, University of California, Berkeley Thesis: Skin and Soft Tissue Infections among Injection Drug Users
1995-2000	Doctor of Medicine , University of California, Berkeley / University of California, San Francisco Joint Medical Program
2000-2003	Primary Care Internal Medicine Residency Program , University of California, San Francisco
2004-2006	VA Fellow in the Robert Wood Johnson Clinical Scholars Program , University of Washington, Seattle, WA
2004-2006	Master in Public Health in Health Services , School of Public Health, University of Washington Thesis: Health-Related Characteristics of Jail Inmates
2007-2009	Clinical Faculty Scholars Program , Colorado Health Outcomes Program, University of Colorado Denver
2013-2014	Leadership for Innovative Team Science (LITeS) Program , Colorado Clinical & Translational Sciences Institute (CCTSI) senior leadership development program

3. Academic Appointments

- 2003-2004 **Clinical Instructor in Medicine**, Division of General Internal Medicine, Department of Medicine, University of Washington, Seattle, WA
- 2006-2012 **Assistant Professor of Medicine**, Division of General Internal Medicine, Department of Medicine, University of Colorado School of Medicine, Aurora, CO
- 2008-present **Affiliated Member**, Division of Addiction Science, Prevention and Treatment, Department of Psychiatry, University of Colorado School of Medicine
- 2009-2012, 2017-2018 **Primary Care Research Fellowship Program Co-Director**, University of Colorado School of Medicine
- 2010-2014 **Primary Care Residency Research Director** for Primary Care Internal Medicine Residency Program, University of Colorado School of Medicine
- 2012-2017 **Primary Care Research Fellowship Program Director**, University of Colorado School of Medicine
- 2012-2024 **Associate Professor of Medicine**, Division of General Internal Medicine, Department of Medicine, University of Colorado School of Medicine, Aurora, CO
- 2013-2018 **Director, Patient Centered Outcomes Research (PCOR) Training Program**, University of Colorado School of Medicine/Denver Health Medical Center
- 2014-2015 **Core Faculty, Program for Injury Prevention, Education and Research (PIPER)**, Colorado School of Public Health - University of Colorado School of Medicine - Children's Hospital Colorado
- 2019-2024 **Associate Professor (secondary appointment)**, Department of Community and Behavioral Health, Colorado School of Public Health
- 2020-present **Adjunct Professor**, Department of Health Systems Science, Kaiser Permanente Bernard J. Tyson School of Medicine
- 2022-present **Director**, Substance Use and Harm Reduction Research Development, Division of General Internal Medicine, Department of Medicine, University of Colorado School of Medicine, Aurora, CO
- 2024 - present **Professor of Medicine**, Division of General Internal Medicine, Department of Medicine, University of Colorado School of Medicine, Aurora CO
- 2024 - present **Professor (secondary appointment)**, Department of Community and Behavioral Health, Colorado School of Public Health

4. Hospital and Other Professional Positions

- 1992 **Research Assistant** to Sheryle Gallant, PhD, Department of Medical Psychology, Uniformed Health Services University of the Health Sciences, Bethesda, MD
- 1992 **Research Assistant** to Marco Candolfi, PhD, Swiss Federal Research Station for Fruit Growing, Switzerland
- 1994-1995 **Research Assistant** to Paula Braveman, MD, MPH, Department of Family and Community Medicine, University of California, San Francisco, San Francisco, CA
- 2003-2004 **Attending Physician**, Division of General Internal Medicine, Madison (HIV) Clinic, Harborview Medical Center, Seattle, WA
- 2004-2006 **VA Fellow in RWJF Clinical Scholars Program**, provided clinical services in General Internal Medicine and Infectious Diseases (HIV) Clinic, VA Puget Sound, Seattle, WA
- 2006-2014 **Attending Physician**, General Internal Medicine, Bernard F. Gipson Eastside Family Health Center, Denver Health Medical Center, Denver, CO
- 2008-2014 **Attending Physician**, Potomac Street Center, Addiction Research and Treatment Services, University of Colorado School of Medicine, Aurora, CO

- 2015-present **Senior Clinician Investigator/Chemical Dependency Treatment Services Physician**, Colorado Permanente Medical Group/Kaiser Permanente Colorado, Denver, CO
- 2017-present **Medical Staff Privileges (Courtesy)** Internal Medicine and Addiction Medicine, St. Josephs Hospital and Good Samaritan Medical Center

5. Honors, Special Recognitions and Awards

- 1994 **Departmental Distinction in Biology**, Swarthmore College
- 1994 **Phi Beta Kappa**, Swarthmore College
- 1997 **Derryberry Fellowship Award**, School of Public Health, University of California, Berkeley, for outstanding scholarship in Public Health
- 1997 **University Fellowship for Graduate Study**, School of Public Health, University of California, Berkeley, for distinguished academic record and promise for continued noteworthy achievement
- 1998 **Kass Fellowship**, Infectious Diseases Society of America for excellence in medical student and housestaff research
- 2006 **Mack Lipkin Sr. Associate Award** from the Society of General Internal Medicine for presentation, 29th Annual Meeting
- 2008-2011 **Robert Wood Johnson Foundation Physician Faculty Scholars Award**
- 2011 **New Investigator/Educator Award**, Association for Medical Education and Research in Substance Abuse
- 2011 **Professional Leadership Award**, Women in Medicine and Science, University of Colorado Denver. Selected to attend the AAMC Early Career Women Faculty Development Seminar.
- 2011 **Fellow, American College of Physicians**
- 2011 **Clinician Investigator Award**, Society of General Internal Medicine Mountain West Region
- 2015, 2016 **Most Downloaded Paper Award** from Substance Abuse Journal, for *From risk reduction to implementation: Addressing the opioid epidemic and continued challenges to our field*,
- 2016 **Highly Cited Research** in Drug and Alcohol Dependence, for *National trends in pharmaceutical opioid related overdose deaths compared to other substance related overdose deaths: 1999-2009*
- 2016 **Top 10% of cited PLOS One papers**, *Opioid Use and Storage Patterns by Patients after Hospital Discharge following Surgery*
- 2023 **Multisite Collaborator Award**, Health Care Systems Research Network
- 2023, 2024 **Exceptional Women in Medicine**, Castle Connolly
- 2023, 2024 **5280 Magazine Top Doctor**, Castle Connolly

6. Professional Organizations

- 1996-2000 **Co-chapter officer** (1997-1998) and member, American Medical Students Association
- 2000-present **Fellow** (since 2011), American College of Physicians
- 2002-present **Member**, Society of General Internal Medicine (SGIM)
Interest Group Participant, Alcohol, Tobacco and Drugs Interest Group, Fellowship Directors, Health, Justice, and Incarceration Interest Group (co-founder)
Chair, Mental Health and Substance Abuse Workshop Committee (2010)
Invited Committee Member, Best Published Research Paper Committee (2017-2020)
Chair, Invited Committee Member, Best Published Research Paper Committee (2018-2020)
Invited Committee Member, Outstanding Junior Investigator of the Year Committee (2022)
- 2005-2007 **Member**, American Academy of HIV Medicine
- 2007-2011 **Member**, Society for Correctional Physicians

- 2009-2011 **Invited Member**, International Network for Justice Health
- 2010-present **Member**, Association for Multidisciplinary Education and Research in Substance use and Addiction (AMERSA) (see also Editorial work for SAj and Awards)
- 2015-present **Member** American Society of Addiction Medicine (ASAM) (Fellow, 2021)

7. Major Committee and Service Responsibilities

Departmental

- 2008-2014 **Intern Selection Committee Member**, Department of Medicine, University of Colorado Denver School of Medicine
- 2011 **Grant Reviewer**, Division of General Internal Medicine Small Grants Program, University of Colorado School of Medicine
- 2014 **Women’s Career Development Committee**, Department of Medicine, University of Colorado School of Medicine
- 2016-2019 **Strategic Targeted Allocation of Resources (STAR) grant review committee**, Institute for Health Research, KPCO
- 2022-present **Director of Substance Use and Harm Reduction Research Development**, Division of General Internal Medicine, University of Colorado School of Medicine

School of Medicine

- 2011-2012 **Search Committee Member**, Division of Substance Dependence (now Division of Addiction Science, Prevention and Treatment), Department of Psychiatry, University of Colorado Denver

Hospital

- 2003-2004 **Member, Madison Clinic Quality Improvement Committee**, Harborview Medical Center, Seattle, WA. Examined quality of provision of post-HIV exposure prophylaxis care with systematic chart reviews
- 2014 **Member, Eastside Opioid Safety Quality Improvement Committee**, Denver Health
- 2015-2018 **Member, Pain Governance Council**, Kaiser Permanente Colorado
- 2015-2017 **Member, Chemical Dependence Naloxone workgroup**, Kaiser Permanente Colorado
- 2016-2017 **Member, Primary Care Naloxone workgroup**, Kaiser Permanente Colorado
- 2021-2024 **Member, Addiction Medicine Subgroup, Mental Health and Addiction Leaders of Operations (MHALO)**, Kaiser Permanente (national)
- 2023-2024 **Member, Zero Overdose Initiative**, Kaiser Permanente (national)

Community

- 2003 **International Resident Elective**, Bugalobi and Kampala, Uganda. Provided medical care to clients with HIV for one-month resident rotation
- 2004 **Intern**, National Institute of Justice and Bureau of Justice Statistics, Washington, D.C., to learn about criminal justice and health
- 2003-2012 **Board Member**, Community Enterprise Development Against Stigma (CEDAS) for children living with or orphaned by HIV/AIDS in Zimbabwe and Uganda
- 2008-2014 **Board Member**, Friends of the Haven, Denver, CO
- 2011-2014 **Board President**, CEDAS USA to support children affected by HIV/AIDS in Zimbabwe
- 2013-2017 **Co-Chair**, Data/Analysis subgroup of the Colorado Consortium for Prescription Drug Abuse Prevention, and Steering Committee Member
- 2013 **Consultant**, Center for Personalized Education for Physicians
- 2013-2015 **Member**, Arapahoe County-Kaiser Permanente Colorado Prescription Drug Overdose Task Force

National

- 2008 **Research Expert**, Substance Abuse Mental Health Services Administration, Strategic Prevention Framework State Incentive Grant on unintentional fatal and non-fatal opioid overdoses
- 2010-2016 **National Advisory Group**, Academic and Health Policy Conference on Correctional Health
- 2011 **National Advisory Committee**, Incarcerated Women and Girls: Developing a Model and Recommendations for Transitioning and Reentry into the Community, sponsored by Department of Health and Human Services' Office on Women's Health
- 2012-2016 **Chair of Research Committee** (2014-2016) and **Member, Board of Directors** (2012-2016), Academic Consortium on Criminal Justice Health
- 2015-2018 **Subject Matter Expert**. Healthy People 2020 Social Determinants of Health - SME review of Crime and Safety Literature Review
- 2015-2016 **Project Advisor**. The Pew Charitable Trust
- 2016 **Workshop Participant and Speaker**. [Improving Collections of Indicators of Criminal Justice Involvement in Population Health Data Programs: A Workshop](#). National Academies of Sciences, Engineering, and Medicine. Washington, D.C. March 29-30, 2016.
- 2016 **Technical Review Panel member** for Jail Research Network, Survey of Inmates in Local Jails. Bureau of Justice Statistics. Aurora, CO. June 6-7, 2016.
- 2019-present **Chair, Data Safety and Monitoring Board**, NIH's Justice Community Innovation Network (JCOIN). Provide external oversight to 13 trials for the National Institute on Drug Abuse
- 2021 **Expert Panelist**, Opioid Delphi Panel for New York University
- 2021-2023 **Expert Panelist**, VA HSR&D-funded project, *Long-Term Opioid Therapy (LTOT): Screen to Evaluate and Treat (Opioid-SET)* (VA HSR&D IIR 18-253; Timko & Hoggatt, PIs)
- 2019-present **Advisory Committee Member**, [Yale Drug use, Addiction, and HIV Research Scholars](#) (DAHRS)
- 2019-present **Member National Drug Abuse Treatment Clinical Trials (NIH/NIDA CTN) Network Publications Committee**
- 2024-present **Advisory Committee Member**, [Research in Addiction Medicine Scholars](#) (RAMS)

International

- 2023-2024 **Expert**, Increasing prescription opioid safety: an eDelphi study to determine best practices in pharmacy settings. Monash University. Melbourne, Australia

8. Licensure and Board Certification

- 2003 - present Board Certified, American Board of Internal Medicine (expires 12/31/2032)
- 2001 California State License (inactive)
- 2003 Washington State License (inactive)
- 2004-2023 DEA Buprenorphine Prescription Waiver
- 2006-present Colorado State License (active, expires 4/30/25)
- 2015-2022 Diplomate, American Board of Addiction Medicine (replaced by Addiction Medicine through ABPM)
- 2022-present Board Certified, Addiction Medicine, American Board of Preventive Medicine (ABPM; expires 12/31/31)

9. Review and Referee Work

Editorial

- 2007 - 2016 **Editorial Consultant**, American College of Physicians, PIER, Opiate Abuse

- 2013 **Area Editor**, Correctional Health. Encyclopedia on Criminology and Criminal Justice. Springer Publishers.
- 2012 - 2019 **Assistant Editor**, *Substance Abuse (SAj)*
- 2013 - 2023 **Editorial Board Member**, *Health & Justice journal*
- 2015 **Guest Co-Editor**, Special Issue of Substance Abuse, *From Education to Implementation: Addressing the Opioid Misuse Epidemic*
- 2016 - 2018 **Assistant Editor**, *Addiction*.
- 2019 **Guest Co-Editor**, Special Issue of Addiction Science & Clinical Practice, *Addiction Treatment Access and Utilization among Criminal Justice Involved Populations*
- 2019 **Associate Editor**, *Addiction*
- 2019 - 2024 **Associate Editor**, *Substance Abuse (SAj)*
- 2020 - present **Senior Editor**, *Addiction*
- 2023 – present **Guest Editor**, *BMC Global and Public Health's* Collection on “Addressing public health concerns in incarceration and community corrections.”

Grant Review Committees and Study Section

- 2007 **Grant Reviewer**, The Langeloth Foundation
- 2007-2008 **MRC Grant Reviewer**, Medical Research Council, UK
- 2009 **NIH Review Panel Member**, National Center on Minority Health and Health Disparities Special Emphasis Panel for Research Centers of Excellence (P60)
- 2009 **AAMC Grant Reviewer**, American Association for the Advancement of Science
- 2010 **NIH Grant Reviewer**, Special Emphasis Panel for National Cancer Institute Community Networks Program – Centers for Reducing Disparities through Outreach, Research and Training (U54)
- 2010 **Lead Grant Reviewer**, The Langeloth Foundation
- 2012 **CTSA Grant Reviewer**, Albert Einstein College of Medicine/Montefiore
- 2012 **NIH Grant Reviewer**, Center of Biomedical Excellence (COBRE) panel, National Institute of General Medical Sciences (P20)
- 2012 **Grant Reviewer**, Robert Wood Johnson Foundation Public Health and Law Research Program
- 2014 **NIH Grant Reviewer**, Special Emphasis Panel for Support Opportunity for Low-Cost Pragmatic Clinical Trials
- 2014 **PCORI Grant Reviewer**, Methods for Conducting PCOR - PROMIS-Focused Merit Review
- 2017 - 2019 **NIH Grant Reviewer**, *ad hoc* member, Interventions to Prevent and Treat Addictions (IPTA) Study Section
- 2018 **NIH Grant Reviewer**, *ad hoc* member, ZDA1 SXM-M 18 S, Mechanism for Time-Sensitive Drug Abuse Research (R21 Clinical Trial Optional)
- 2018 **French National Cancer Institute (INCa)**, *ad hoc* grant reviewer
- 2020 - present **NIH Study Section member**, Interventions to Prevent and Treat Addictions (IPTA) Study Section, *ad hoc* Chair (2021-2023)

Journal, Professional Society, and Scientific Meeting Review

- 2007 **Workshop and Abstract Reviewer**, Disparities/Vulnerable Populations, Society of General Internal Medicine
- 2010 **Abstract Reviewer**, Mental Health and Substance Abuse Committee, Society of General Internal Medicine

2010 **Workshop Review Chair**, Mental Health and Substance Abuse, Society of General Internal Medicine

2010 **Abstract Reviewer**, Massachusetts Academic and Health Policy Conference in Correctional Health Care

2011 **Abstract Reviewer**, Society of General Internal Medicine Vulnerable Population and Health Disparities and The Association for Medical Education and Research in Substance Abuse

2013, 2014 **Reviewer**, SGIM Best Research Paper Award, Society of General Internal Medicine

2013 **Reviewer**, National Research Council and Institute of Medicine of the National Academies, Health and Incarceration, A Workshop Summary

2014 **Abstract Reviewer**, Society of General Internal Medicine Vulnerable Population and Health Disparities

2014 **Workshop Reviewer**, Mental Health and Substance Abuse, Society of General Internal Medicine

2014 **Abstract Committee Chair**, Qualitative Abstracts, Society of General Internal Medicine

2015 **Abstract Reviewer**, Academic and Health Policy in Correctional Care meeting

2004-present **Manuscript Reviewer**
Addiction
American Journal of Public Health
American Journal of Preventive Medicine
Annals of Internal Medicine
Archives of General Psychiatry
BMC Medical Research
BMC Medical Research Methodology
BMC Public Health
British Journal of Psychiatry
Canadian Journal of Criminology
Clinical Infectious Diseases
Contemporary Drug Problems
Demography
Drug and Alcohol Dependence
Drug and Alcohol Review
Drug Safety
Expert Opinion on Pharmacotherapy
Health Affairs
Health & Justice
Health Economics
Injury Prevention
International Journal of Drug Policy
Journal of Correctional Health Care
Journal of General Internal Medicine (JGIM)
Journal of the American Medical Association (JAMA)
JAMA Open Network
JAMA Health Forum
JAMA Pediatrics
Journal of Addiction Medicine
Journal of the American Pharmacists Association
Journal of Medical Economics
Journal of Research in Crime and Delinquency
Journal of Substance Abuse Treatment
Journal of Women's Health
Lancet Psychiatry
Medical Care
New England Journal of Medicine (NEJM)

Nicotine & Tobacco Research
Nordic Studies on Alcohol & Drugs
Pain Medicine
Pediatrics
Psychological Medicine
Psychosomatic Medicine
PLOS ONE
Public Health Reports
Progress in Community Health Partnerships: Research Education and Action
The American Journal of Medical Sciences
The Lancet

10. Invited Lectures, Presentations, and Visiting Professorships

Extramural Local and Regional

- 2007 **Binswanger IA.** "Release from Prison: Mortality Rates, Risk Factors, and Strategies to Reduce the Risk." Re-entry Substance Abuse Work Group meeting." Lakewood, CO. April 13, 2007.
- 2007 **Binswanger, IA.** "Release from Prison: A High-Risk Time for Death." Kiwanis Club of the Denver Tech Center. Denver, CO. April 17, 2007.
- 2007 **Binswanger, IA.** "Release from Prison: Former Inmates at High Risk for Death." 14th National TASC Conference on Drugs & Crime. Westminster, CO. October 14, 2007.
- 2012 **Binswanger IA.** "Overdose and other health outcomes during the transition from prison to the community." Rocky Mountain Poison Center. January 31, 2012.
- 2012 **Binswanger IA.** "Emerging concepts in overdose prevention." Society of General Internal Medicine 2012 Mountain West Regional Meeting. Aurora, CO. October 5, 2012.
- 2012 **Binswanger IA.** "Emerging issues in opioid abuse and overdose." SYNERGY Drug and Alcohol Training for Professionals. Denver, CO. October 26, 2012.
- 2013 **Binswanger IA.** "Current Trends in Opioid Overdose and Emerging Approaches to Prevention." SYNERGY outpatient treatment program. Denver, CO. May 15, 2013.
- 2013 **Binswanger IA.** "Trends in Opioid Abuse and Overdose." Douglas County Social Service Providers Training. SYNERGY Adolescent Services. Castle Rock, CO. September 4, 2013.
- 2013 **Binswanger IA.** "Overdose Prevention and Naloxone for Treatment Providers." CeDAR Training. Aurora, CO. September 11, 2013.
- 2013 **Binswanger IA.** "Preventing Youth Opioid Use and Overdose." Denver Town Hall Event. Aurora, CO. November 20, 2013.
- 2014 **Binswanger IA.** "Prescription Opioid Misuse and Overdose" OLLI Speaker Series. Leading Edge Medicine. Denver, CO. January 29, 2014.
- 2015 **Binswanger IA.** "Medication Safety and Naloxone Prescribing for Patients on Chronic Opioids: A Qualitative Study of Medical Staff" Western Pharmacoeconomics and Outcomes Research Conference. Aurora, CO. March 5, 2015.
- 2015 **Binswanger IA.** "Medication Safety and Naloxone Prescribing for Patients on Chronic Opioids: A Qualitative Study of Medical Staff." Naloxone work group of the Colorado Consortium on Prescription Drug Abuse Prevention. Aurora, CO. May 11, 2015.
- 2015 Raville L, **Binswanger IA.** "Medical and Social Components of Drug Addiction and Treatment: Overdose Prevention and Other Programs and Services." On the Frontlines. Denver Health's Annual Training for Community HIV/AIDS Workers. Denver, CO. November 12, 2015.
- 2016 **Binswanger IA.** Panel speaker. "Medication Assisted Treatment" Collaborative Justice Conference. Invited by Office of Behavioral Health. Westminster, CO. May 3, 2016
- 2016 **Binswanger IA.** Panel speaker. "The Colorado Experiment: A Spotlight on Substance Abuse in the State." Colorado Health Symposium. Keystone, CO. July 27, 2016.

- 2017 **Binswanger IA** and Glanz JM. Invited Speaker. “Researching the Opioid Epidemic in Colorado.” Colorado Health Evaluation Collaborative (CHEC). November 16, 2017.
- 2018 **Binswanger IA.** “Opioid Overdose Prevention Strategies and Research.” Invited Speaker for Colorado Society for Addiction Medicine. Jan 3, 2018.
- 2021 **Binswanger IA, Fairbairn LA.** Community Conversation with the Artist William Stoehr on Stigma and Addiction, Foothills Art Center, Sept 17, 2021, Golden CO
- 2019, 2022 **Binswanger IA,** The “Perfect” Product: Tobacco, Alcohol and Drugs, International School of Denver presentation to middle schoolers. November 25, 2019, and February 4, 2022. Denver, CO
- 2024 **Binswanger IA,** Substance Use and Substance Use Disorders. Second Chance Center. January 20, 2024. Aurora, CO.

Kaiser Permanente Colorado and National -- Invited Presentations

- 2016 **Binswanger IA,** Narwaney K, Mueller S. “Mixed Methods Approaches to Research on Opioid Overdose Prevention.” KPCO Institute for Health Research Learning Series. March 15, 2016.
- 2017 **Binswanger IA,** “Trends in Opioid Prescribing at KPCO: Results from a CME Evaluation” Presentation to KPCO Pain Governance Council. Feb 17, 2017.
- 2017 **Binswanger IA,** “Opioid Overdose Surveillance Program” Presentation to KPCO Pain Governance Council. March 24, 2017.
- 2017 **Binswanger IA.** “Opioid Overdose Prevention in Clinical Settings” KPCO Grand Rounds. April 18, 2017.
- 2018 **Binswanger IA,** Glanz JM. “KPCO Research to Address the Opioid Epidemic” Presentation to the KPCO Pain Governance Council. November 27, 2018.
- 2018 **Binswanger IA,** Glanz JM. “Prescription Opioid Tapering and the Risk of Heroin Use.” Presentation to the KPCO Institute for Health Research. October 11, 2018.
- 2020 **Binswanger IA.** COVID-19 Testing: Frontline Workers and Antibody Testing. Presentation to the Kaiser Permanente Colorado Institute for Health Research Investigator Meeting. July 2, 2020.
- 2022 **Binswanger IA.** The Association between COVID Serologic Test Results and Reinfection. Presentation to the Kaiser Permanente Colorado Institute for Health Research All Hands Meeting. June 2, 2022.
- 2022 **Binswanger IA.** Invited Speaker. Positive Association between COVID Antibody and Reinfection. Presentation to the Kaiser Permanente Colorado Emergency Operations Command Chiefs. April 18, 2022.
- 2022 **Binswanger IA.** Invited Speaker. Positive Association between COVID Antibody and Reinfection. Presentation to the Kaiser Permanente National Infectious Diseases Chiefs. April 21, 2022.
- 2022 **Binswanger IA.** Post-acute Sequelae of COVID-19 (PASC): Association between SARS-CoV-2 Seropositivity and Symptoms. Preliminary Results. Presentation to the Kaiser Permanente National PASC Multidisciplinary Leaders Committee. November 8, 2022.
- 2022 **Binswanger IA** and Mueller S. Harm Reduction Research Spotlight, Improving Naloxone Uptake: Results of 2 Pragmatic Randomized Clinical Trials and Implications for Meeting National KP Quality Goals. Invited Presentation to the Kaiser Permanente Mental Health and Addiction Leaders of Operations Group. October 27, 2022.

National – Invited Presentations at Institutions

- 2009 **Binswanger IA.** “Transitions between the criminal justice and the community: Implications for health.” Leonard Davis Institute of Health Economics, University of Pennsylvania. May 8, 2009.
- 2011 **Binswanger IA.** “Effect of Prior Incarceration on Health Outcomes. Incarceration and Health Disparities Symposium.” Harvard University. Boston MA. March 9, 2011.

- 2011 **Binswanger IA.** “Mortality After Release From Prison: Quantitative and Qualitative Findings.” Bureau of Justice Statistics. U.S. Department of Justice. Washington, DC. November 2, 2011.
- 2012 **Binswanger IA.** “Health Outcomes during the transition from prison to the community.” Washington State Department of Corrections, Tumwater, WA. March 8, 2012.
- 2014 **Binswanger IA.** “Prison Reentry and Mortality Risk: Implications for Practice.” The Vera Institute. New York City, NY January 16, 2014. Podcast at <http://www.vera.org/videos/ingrid-binswanger-health-after-incarceration-risk-factors-mortality>
- 2015 **Binswanger IA.** “Addressing the Medical Complications of Substance Use Across the Spectrum of Criminal Justice Involvement. Frontiers in Neuroscience Seminar Series.” Neuroscience Graduate Program. Emory Laney Graduate School. Atlanta, GA. April 10, 2015.
- 2015 **Binswanger IA.** “Framework for National Data Collection on the Health of Criminal Justice Populations.” Bureau of Justice Statistics. U.S. Department of Justice. Washington, DC. March 17, 2014.
- 2017 **Binswanger IA.** Invited Professor. “Preventing opioid overdose in criminal justice, community, and health care settings.” Drexel University Dornsife School of Public Health, Philadelphia, PA, April 3, 2017
- 2017 **Binswanger IA.** Invited webinar speaker. “Assessing High Risk Periods for Overdose Risk.” Boston University Research in Addiction Medicine Scholars Program. December 18, 2017.
- 2019 **Binswanger IA.** Invited Speaker. “Data-Driven Opioid Overdose Prevention.” Dartmouth Center for Technology and Behavioral Health Seminar Series. Hanover, NH. May 31, 2019.
- 2022 **Binswanger IA.** “Antibody Titers to SARS-CoV-2 and their Association with Recurrent Viral Positivity in a Colorado Health System: A Prospective Cohort Study.” Presentation to the Garfield Memorial Fund. April 11, 2022.
- 2023 **Binswanger IA.** “Is there an ‘optimal’ duration of buprenorphine treatment?” Program of Addiction Research, Clinical Care, Knowledge, and Advocacy (PARCKA), On the Rocks Research Seminar Series. Salt Lake City, Utah. January 10, 2023.
- 2023 **Binswanger IA.** “Challenges in the care of opioid use disorder: a multisite study of mortality among people who discontinue buprenorphine treatment. Scientific Data Resources Forum. Health Care Systems Research Network (HCSRN). Nov. 14, 2023.

National – Invited Presentations at Meetings and Federal Agencies

- 2008 **Binswanger, IA.** “The Transition from Prison to the Community.” Preventive Medicine 2008 Annual Meeting. Austin, TX. February 22, 2008.
- 2008 **Binswanger IA.** “How do transitions from prison to the community impact health disparities?” Invited oral presentation to the NIH Summit: The Science of Eliminating Health Disparities. Washington, DC. December 17, 2008.
- 2010 **Binswanger IA.** “Health Care Quality in Correctional Settings.” International Network for Justice Health Meeting. June 28, 2010. Scottsdale, Arizona.
- 2011 **Binswanger IA.** “Substance Abuse, A Case-Based Approach.” Three workshops at the American College of Physicians Chapter Meeting 2011, Colorado Springs, CO, February 5, 2011.
- 2012 **Binswanger IA.** “Naloxone: Overview, Criminal Justice and Other Special Settings.” Role of Naloxone in Opioid Overdose Fatality Prevention public workshop sponsored by FDA/NIDA/CDC. Silver Spring, MD. April 12, 2012.
- 2012 **Binswanger IA.** “Smoking Attributable Mortality in Prison Inmates.” Bureau of Justice Statistics ICRN/NCRP Data Providers Meeting, Aurora, CO. October 29, 2012.
- 2013 **Binswanger IA.** “Understanding Post-release Mortality.” University of Michigan. RWJF Mass Incarceration and Population Health Symposium. Ann Arbor, MI. April 4, 2013.
- 2013 **Binswanger IA.** “Harm Reduction Behind Bars.” Roundtable. The International Drug Policy Reform Conference. Denver, CO. October 25, 2013.

- 2014 **Binswanger IA.** “Chronic Disease Across the Continuum of Criminal Justice Involvement.” 7th Academic & Health Policy Conference on Correctional Health. Plenary Speaker. Houston, TX, March 21, 2014.
- 2015 **Binswanger IA.** “Facilitators and Barriers to Naloxone Prescribing in Three Large Health Systems.” Exploring naloxone uptake and use public workshop sponsored by FDA/CDER/NIDA/CDC/SAMSHA. Silver Spring, MD, July 1, 2015 (Invited speaker).
- 2015 **Binswanger IA.** “Naloxone Prescribing in Primary Care Settings.” AMERSA. Washington DC. November 4, 2015.
- 2017 **Binswanger IA.** “Realizing the Potential of Integrating Opioid Use Disorder Treatment Into Correctional systems.” International Community Corrections Association’s Annual Research Conference. Plenary panelist. October 29, 2017. Seattle, WA.
- 2019 Morse E., Ross C, Xu S. Babbar S., Clemensen S, Clune H., Wisneski L, de Picciotto M, **Binswanger I.** Exploring Complementary and Integrative Approaches for Acute Pain in a Large Health System in Colorado. Congressional Briefing. March 2019.
- 2019 **Binswanger IA,** Nguyen AP. “Lessons Learned from Opioid Overdose Prevention Research.” Office of Minority Health Webinar Series. May 13, 2019.
- 2023 **Binswanger IA,** “Overdose prevention in health systems: research results and recommendations”, Office of National Drug Control Policy Drug Data Interagency Working Group. Nov. 9, 2023.

International

- 2011 **Binswanger IA.** “From the Prison Door to the Sidewalk, Everything Went Downhill: A Qualitative Study on the Health Experiences of Former Inmates.” International Congress on Law and Mental Health, Humboldt University. Berlin, Germany. July 22, 2011.
- 2016 **Binswanger IA.** “Deaths in Custody.” World Health Organization regional consultation on prisons and health. Copenhagen, Denmark. November 3, 2016.
- 2016 **Binswanger IA.** “Prevention of overdose deaths in and shortly after release.” World Health Organization regional consultation on prisons and health. Copenhagen, Denmark. November 3, 2016.
- 2023 **Binswanger IA.** “Prescribed opioids and the role of THN” 3rd International Naloxone Conference in Norway: ThinC3. Oslo, Norway, August 31, 2023.

11. Teaching Record

Courses Taught

- 2019 **Course Developer and Instructor, Opioid Use, Overdose and Public Health, Population Mental Health & Wellbeing.** PMHW 6622, 1 credit, in person, co-taught with Jason Glanz, PhD, Colorado School of Public Health. Fall 2019.

Presentations and Lectures to Medical Students, Graduate Students, House Officers, and Fellows

- 2003 **Speaker, Division of General Internal Medicine Grand Rounds,** University of California, San Francisco (UCSF). “Health Care and Health Services for Incarcerated Persons.”
- 2003 **Speaker, Primary Care Clinical Vignette Presentation,** UCSF. Clinical vignette: “Ugandan HIV-Positive Woman with Shortness of Breath.”
- 2003 **Speaker, Division of General Internal Medicine Grand Rounds,** UCSF. “Health Care and Health Services for Incarcerated Persons.”
- 2004 **Discussant, HIV Journal Club,** University of Washington. June 23, 2004.

- 2003 **Speaker, Regional AIDS Clinical Conference**, University of Washington. "HIV and Tuberculosis Co-Infection." November 18, 2003.
- 2004 **Speaker, Resident Noon Conference**, University of Washington. "Clinical Care of the Incarcerated." June 2, 2004.
- 2005 **Speaker, Educational session**, "HIV for Correctional Providers," for the Northwest AIDS Education and Training Center at the Washington Corrections Center, Shelton, WA. March 18, 2005.
- 2005 **Speaker, Introduction to Research Methods Course** (Health Services 590), University of Washington. "The IRB." July 2005.
- 2007 **Speaker, Colorado Health Outcomes Program Research Methods and Statistics Brown Bag**, "Risk factors for death after release from prison: an approach to analysis." University of Colorado Denver. January 24, 2007.
- 2008 **Lecturer, Medicine Resident Educational Seminars in Primary Care**, Denver Health. "Health Care for Incarcerated Persons." Talk given six times to reach all the residents in continuity clinics. University of Colorado Denver School of Medicine. March 2008.
- 2008 **Speaker, Division of Substance Dependence Research Seminar**, "Mortality after release from prison." University of Colorado School of Medicine. April 28, 2008.
- 2008 **Speaker, Division of General Internal Medicine Tuesday Morning Conference**. "Health and the Criminal Justice System." University of Colorado School of Medicine. April 29, 2008.
- 2009 **Speaker**, Working with Vulnerable Populations as a Physician. The Changing Face of American Medicine Series. University of Colorado School of Medicine. May 28, 2009.
- 2009 **Speaker, Division of General Internal Medicine Tuesday Morning Conference**, Co-speaker: Eric Ennis. "Opioid Abuse and Dependence." University of Colorado School of Medicine. January 13, 2009.
- 2010 **Mentorship Session**, "Feedback with Friends: An Opportunity to Share Your Scholarly Ideas in a Friendly Atmosphere" Loeb D, Binswanger IA, Aagaard E, Prochazka A. Society of General Internal Medicine Mountain West regional meeting, Denver CO, October 1, 2010.
- 2010-2015 **Lecture Developer and Presenter, Health Equity Course**, University of Colorado School of Public Health. "Health Inequities in Prisoners and Former Inmate Populations." October 14, 2010 (PUBH 6605). October 13, 2011 (PUBH 6605). October 11, 2012 (PUBH 6604). November 20, 2013 (PUBH 6602), November 20, 2014 (PUBH 6602), December 3, 2015 (PUBH 6602).
- 2010-2018 **Seminar Developer and Presenter, University of Colorado Primary Care Research Fellowship**. 1) "Navigating COMIRB for Research Projects," February 18, 2010, November 16, 2010, October 9, 2012, September 23, 2013, November 17, 2014, February 8, 2016, April 2, 2018. 2) "Oral Presentations." March 17, 2010, and March 17, 2011. 3) "Presentations and Posters" April 2, 2012; April 8, 2013; January 27, 2014, March 12, 2018.
- 2010-2017 **Instructor, Special Topics: Proposal Writing for Primary Care Research Fellows** (School of Public Health class number 28247). Lectures given: (1) "Introduction to the NIH," January 27, 2011, April 16, 2012, January 28, 2013, December 8, 2014, December 7, 2015. (2) "Career Development Awards," January 27, 2010, and January 11, 2011, with Edward Gardner, MD. January 27, 2011. (Spring 2010-2017).
- 2011 **Lecturer, Medicine Resident Educational Seminars in Primary Care**, Denver Health. "Substance Abuse," Given six times to reach all residents in continuity clinics. January 2011.
- 2011 **Speaker, Department of Preventive Medicine Grand Rounds**. "Health and the Criminal Justice System". University of Colorado Denver. June 9, 2011
- 2011 **Speaker, Division of Substance Dependence Research Seminar**, "The Health Experiences of Recently Released Inmates," University of Colorado School of Medicine. September 12, 2011.

- 2011 **Speaker, Department of Medicine Research and Innovation Conference**, University of Colorado School of Medicine. "Health Outcomes during the Transition from Prison to the Community," October 13, 2011.
- 2011 **Speaker, LEADS class**, University of Colorado School of Medicine. "Incarceration and Health Outcomes." October 12, 2011.
- 2012 **Invited Speaker, LEADS Impact Series**. "The criminal justice system and health: how can we improve the transition from prison to the community?" University of Colorado School of Medicine. March 14, 2012.
- 2012-2014 **Instructor, Primary Care Residency Program**, University of Colorado School of Medicine. "Study Design in Primary Care Research: An Introduction" (November 14, 2012, July 10, 2013, March 26, 2014) and "Writing an Abstract, Presentations and Posters" (February 13, 2013, November 13, 2013)
- 2013 **Instructor, Research Pathway, Internal Medicine Residency**. "Health Disparities: Researching the Criminal Justice System and Health." University of Colorado School of Medicine. January 16, 2013.
- 2013 **Speaker, Injury and Violence Prevention Seminar Series**, presented by the Pediatric Injury Prevention, Education and Research (PIPER) Program. "Current Trends in Opioid Overdose and Emerging Concepts in Opioid Overdose Prevention." University of Colorado School of Medicine. February 28, 2013.
- 2013 **Speaker, Behavioral Health & Wellness**. "Smoking Attributable Mortality Among State Prison Inmates in the United States: 2001-2010" Aurora, CO. May 15, 2013.
- 2013 **Speaker, Department of Medicine Research Day**. "Tobacco Control Policies and Tobacco Related Mortality among Prisoners in the United States." University of Colorado School of Medicine. Aurora, CO. November 22, 2013.
- 2013-2015 **Speaker, Psychiatry Residency, Addiction Class**. University of Colorado School of Medicine. "Evidence-Based Treatment of Opioid Dependence & Emerging Issues," January 23, 2013; January 29, 2014.
- 2013 **Workshop Developer and Presenter, Family Medicine Review Course**. "Interventions to Manage Opioid Dependence and Related Risks." Estes Park, CO on June 26, 2013 and Aurora, CO on November 6, 2013.
- 2013 **Speaker, Addiction Research and Treatment Services Potomac Street Center**. "Overdose Prevention and Naloxone for Treatment Providers". Aurora, CO. July 25, 2013.
- 2014 **Speaker, Department of Medicine Research and Innovation Conference**, University of Colorado School of Medicine. "Medication Safety and Naloxone Prescribing for Patients on Chronic Opioids," May 22, 2014.
- 2014 **Workshop Developer and Presenter, Family Medicine Review Course**. "Medical Management of Opioid Use Disorders in Primary Care." June 26, 2013 (Estes Park, CO) and November 3, 2014 (Aurora, CO).
- 2014 **Seminar Developer and Leader, Medicine Resident Educational Seminars in Primary Care**, Denver Health. "Substance Use Disorders: A Case Based Approach," Given six times to reach all residents in continuity clinics. March 2014.
- 2015 **Speaker, Division of Substance Dependence Research Seminar**, University of Colorado School of Medicine. "Overdose Prevention and Naloxone Prescription in Primary Care Practice," March 30, 2015.
- 2015 **Moderator and Small Group Leader, Fellowship Symposium**. Society of General Internal Medicine Annual Meeting. Toronto, April 24, 2015.
- 2015 **Table Leader, Humanism and Ethics Night**, "Why I am (and will always be) an advocate" for a multidisciplinary team of student at Anschutz Medical Campus, Aurora, CO, April 28, 2015.
- 2015 **Speaker, PCOR R24 Webinar**. "PCOR Scholars Program – Training emerging investigators to be leaders in Patient Centered Outcomes Research," Denver, CO, August 25, 2015.

- 2016 **Session Coordinator, Third Annual General Internal Medicine Fellows Symposium: A Half-Day Career Development Retreat.** Society of General Internal Medicine, Hollywood, Florida. May 14, 2016.
- 2018 **Speaker. Internal Medicine House Officers.** “Opioid Overdose Prevention Strategies and Research.” Jan 3, 2018, and April 18, 2018.
- 2018 **Speaker, CU SOM Injury and Violence Series, PIPER,** “Strategies to Preventing Overdose in Large Health Systems”. April 19, 2018
- 2020 **Speaker** (with Lisa Raville) CU SOM PIPER Research2Practice Webinar - Overdose Prevention & Harm Reduction. November 10, 2020.
- 2022-2023 **Facilitator, Health and Society Foothills:** Criminal Justice and Health and to University of Colorado School of Medicine based at Kaiser Permanente Colorado for Longitudinal Integrated Clerkship.

Attending/Precepting Duties

- 2002 **Preceptor, Family and Community Medicine, UCSF.** Principal preceptor for a third-year medical student during a clerkship at General Medicine Clinic.
- 2003-2004 **Attending Physician, Madison (HIV) Clinic,** Harborview Medical Center. Preceptor for University of Washington medical students, residents and Infectious Diseases fellows. Average 6 hours per week.
- 2011 **Attending Physician, Medical Student Substance Dependence Elective Rotation,** UCD. 4 hours.
- 2007-2014 **Attending Physician, Adult Medicine Clinic,** Eastside Health Center, Denver Health. Teach primary care medical residents in a primary care clinic. Average 4 hours per month.
- 2009-2013 **Attending Physician, HIV Resident Elective,** University of Colorado Denver Internal Medicine Residency. 2-4 residents per year for one-half day each.
- 2012-2013 **Attending Physician, Underserved Medicine Elective,** University of Colorado Denver Internal Medicine Residency. 2-4 residents per year for one-half day each.
- 2022-present **Attending Physician, Longitudinal Integrated Clerkship,** KPCO site of University of Colorado School of Medicine (1-2 medical students for one-half day a week or month each in Chemical Dependency Treatment Services, Matthew Kennis, Michael Kwong, Erica Chan)

Administrative Positions

- 1993-1994 **Symposium Organizer on Gender, Ethnicity, and Culture in Science and Technology,** Swarthmore College. Developed, organized, and obtained funding for a two-day multi-disciplinary symposium.
- 1996-1997 **Coordinator, Anita M. Baldwin Colloquy Series,** UC Berkeley. Designed the curriculum and invited speakers for a first-year medical school class introducing students to community health issues and local researchers.
- 2002 **Primary Care Administrative Chief Resident,** UCSF. Coordinated and led morning practice report; invited guest lecturers for seminars; and organized faculty-resident retreat during outpatient block (1 month).
- 2005-2006 **Co-Coordinator, Robert Wood Johnson Clinical Scholars Program Communications Course,** University of Washington. Designed and coordinated weekly sessions on writing and speaking to media and the legislature.
- 2007-2014 **Co-Director, Correctional Care Elective,** University of Colorado School of Medicine. Developed a reading list and teach medical students on public health considerations in correctional medicine. 1-4 students per year.
- 2009-2012 **Primary Care Research Fellowship Program Co-Director,** University of Colorado School of Medicine. Attend weekly works-in-progress sessions, mentor fellows and junior faculty in program, give lectures, and instruct on grant-writing.

- 2010-2014 **Primary Care Residency Research Director** for Primary Care Internal Medicine Residency Program, UCD. Coordinate research activities for residents and provide guidance to help identify mentors and projects. Teach residents on research methods.
- 2012-2017 **Primary Care Research Fellowship Program Director**, University of Colorado School of Medicine. Oversee all recruitment and fellowship activities and grant reporting. Facilitate weekly works-in-progress sessions, mentor fellows in program, give lectures/workshops, and teach grant-writing.
- 2013-2017 **Director, Patient Centered Outcomes Research (PCOR) Training Program**, University of Colorado School of Medicine/Denver Health Medical Center. Oversee all recruitment and teaching activities. Facilitate weekly works-in-progress sessions, mentor junior faculty in program, give lectures/workshops, and teach grant-writing.
- 2015-present **Coordinator, Substance Use Research Works-in-Progress Sessions**. Support the development of regional expertise in substance use research through monthly works-in-progress sessions currently with 23 members from local academic, clinical and public health agencies including University of Colorado School of Medicine, Colorado School of Public Health, Colorado Department of Public Health and the Environment, Denver Health, Kaiser Permanente Colorado, and the VA.
- 2022-present **Director, Substance Use and Harm Reduction Research Development**, Division of General Internal Medicine, University of Colorado School of Medicine. Mentor 2-3 concurrent GIM junior faculty (Pytell, Christine, LeMasters) in obtaining and completing NIDA funded career development awards and facilitate monthly works-in-progress sessions.

Mentorship

- 2007-2012 **Mentor**, Hal Wortzel, MD, Department of Psychiatry, University of Colorado School of Medicine
- 2009-2010 **Master's Thesis Committee Co-Chair**, Rebecca Lindsay, University of California Berkeley School of Public Health.
- 2009-2016 **Resident Research Advisor**, University of Colorado School of Medicine Internal Medicine Residency: Susan Calcaterra, MD (2009), Mim Ari, MD (2011-13), Michael Frank (2015-2016)
- 2009-2018 **University of Colorado Primary Care Research Fellowship Mentor**, Danielle Loeb, MD (2009-11), Scott DeLaCruz, MD (2009-10), Brent Jasper, MD (09-11), Susan Calcaterra, MD (2009-11), Tanner Caverly, MD (2011-13), Alia Moore, MD (2015-2017), Jennifer Lyden (2017-2018)
- 2013-2014 **Postdoctoral mentor** University of Colorado School of Medicine School of Medicine, Patrece Hairston, PsyD
- 2013-2018 **PCOR Scholars Program Mentor**, Torri Metz, MD (2013-15), Aimee Truesdale, MD (2013-2017), John Krotchko, MD (2015-2018)
- 2013-2017 **Dissertation Committee Member**, Kathryn Marie Nowotny (PhD Candidate, Sociology, CU Boulder)
- 2013-present **Career Development Award Mentor or Advisory Committee Member**, Brendan Clark, MD (K23AA021814), Danielle Loeb, MD, MPH (K23MH100162), Andrea Finlay, PhD (VA CDA 13-279), Karsten Bartels, MD (K23DA040923), Susan Calcaterra, MD, MPH (K08DA049905), Jarratt Pytell, MD (K23DA060358)
- 2013-2023 **Mentor for Other Junior Faculty**, Joseph Frank, MD (2013-2015), MPH, Jennifer Lyden, MD (2018-2023)
- 2015 **AMERSA mentor/mentee program**, Mentor to Kathryn Hawk, MD, Yale University School of Medicine Department of Emergency Medicine
- 2017-2019 **Research in Addiction Medicine Scholars (RAMS) Program**, mentor to Susan Calcaterra, MD
- 2016-2018 **Dissertation Committee Member**, Anh Nguyen, University of Michigan (Sociology)

2018-2023 **Mentor within the Institute for Health Research, Kaiser Permanente Colorado**, Anh Nguyen, PhD, JoAnn Shoup, PhD, Shane Mueller, PhD, Erica Morse, MPH

2012-2020 **Mentored Scholarship Activity Mentor**, University of Colorado School of Medicine. Marie McKinnon (2012-14), Livia Tsien (2012-13), Michael Frank (2012-2015), Kristina Sandquist (2017-2020), Beza Jobira (2020-2021)

2021-present **Scholarly Activity Mentor**, Kaiser Permanente School of Medicine, Daniela P Wong Pacheco

2022-present **Junior Faculty Mentor**, Jarratt Pytell, MD, Division of General Internal Medicine, University of Colorado School of Medicine, 2023 Faculty Starter Grant in Value Assessment-Health Outcomes from the PhRMA Foundation (\$100,000, starting July 1, 2023 on Association of Nonprescribed Buprenorphine Use with Opioid-Related Outcomes Using Near Real-Time, Nationally Representative Data)

12. Grant Support

Ongoing

FDA SENTINEL 75F40119D10037
 WO-1062 Toh 2/1/2024-6/30/2025
 FDA

Sentinel Initiative: COVID-19 Chart Validation of COVID Severity Algorithm
 Role: Site Principal Investigator

NIDA/NIH UG1DA015831-22
 CTN-0131 Fiellin 8/1/2023 – 02/29/2024
 NIH/NIDA

Office-Based Methadone versus Buprenorphine to Address Retention in Medication for Opioid Use Disorder (MOUD)– A Pragmatic Hybrid Effectiveness/Implementation Trial

Role: Site Principal Investigator

PO, 202300005904 Barocas, J 11/01/2022 – 06/30/2025

State of Colorado Department of Human Services
 Study of Health Effects of Felonizing Fentanyl Possession

The major goal is to study the health effects of criminal penalties of synthetic opiates and felonizing fentanyl possession.

Role: Co-Investigator

CTN-141 Campbell, Nguyen, Binswanger, Glanz (Co-Leads) 09/01/2022 – 02/29/2025
 NIH/NIDA
 5UG1DA040314

“Health Insurance Instability and Mortality Among Patients Receiving Buprenorphine Treatment for Opioid Use Disorder: Linkage of the Prescription Opioid Registry with the National Death Index”

The purpose of this study is to examine the association of insurance instability (i.e., duration and frequency of disenrollment and transitions in plan types) and mortality risk among patients receiving buprenorphine treatment for opioid use disorder.

Role: Co-Project Lead

1R01HL164106 Daugherty, S 09/07/2022-06/30/2027
 NIH/NHLBI

“Healthcare Organizational Structural Conditions and the Health of People Recently Released from Prison”

The goal of this proposal is to examine structural conditions that can impact access to care for people recently released from prison.

Role: Co-Investigator / Lead of the Longitudinal Cohort Core (1.80 calendar months)

5UG1DA040314 Campbell, Bradley (MPI) 06/01/2020 – 02/28/2025

NIH/NIDA

“Integrating Addiction Research in Health Systems: The Addiction Research Network”

The overall goal of the proposed Health Systems Node of the National Drug Abuse Clinical Trials Network will be to conduct cutting edge research to improve outcomes in all patients with SU/SUD who are seen in medical settings.

Role: Site Principal Investigator (Faculty/Protocol Lead)

KPCO RNG211341

Palmer-Toy, D

03/01/2021–12/31/2024

Garfield Memorial Research Fund

“SARS-CoV-2 Serology, Immunity and Vaccination Response”

The major goal of this project is to assess the association between COVID-19 serology results and chronic post-acute COVID-19 syndrome

Role: Site Principal Investigator

3UG1DA040314

Campbell, Bradley (MPI)

06/01/2017 – 02/28/2025

NIH/NIDA CTN-0074

“Primary care Opioid Use Disorders (PROUD) Treatment Trial”

The goal of this trial is to evaluate whether implementation of the Massachusetts Model of collaborative care for management of opioid use disorders (OUDs) in primary care increases access to and quality of medication treatment for OUDs. Ancillary studies include examining exemplar models of care not in the randomized trial.

Role: Site Principal Investigator

Completed

KPCO RNG211519

Binswanger (PI)

07/01/2021 – 12/31/2023

Kaiser Permanente Colorado IMPROVE Fund

IMPROVE Medication Safety Clinic

The major goal of this project is to evaluate the implementation of the Medication Safety Clinic (MSC) at Kaiser Permanente Colorado. The MHC is designed to further support the organization in the complex care of patients on chronic opioid therapy.

Role: Principal Investigator

Institute for Health Research

Borschmann (PI)

05/01/2018 – 3/31/2024

“Mortality After Release from Incarceration Consortium (MARIC)”

The goal of this project is to participate in MARIC, a multi-disciplinary collaboration representing 29 cohorts of adults who have experienced incarceration from 11 countries. The goal of this project is to establish incidence and timing for all-cause and cause-specific mortality in ex-prisoners internationally, examine risk factors for mortality and rare outcome in sub-populations, and identify static and time-varying predictors of mortality over a 25-year period.

Role: Site Principal Investigator

1R01DA047537

Binswanger/Glanz (MPI)

03/15/2019 – 12/31/2023

NIH/NIDA

“Assessing the Safety and Effectiveness of Opioid Tapering in Large Health Systems”

The major goal of this project is to conduct a longitudinal cohort study to determine the effectiveness and safety of opioid tapering in three large health systems in two states.

Role: Principal Investigator

1R01DA047537

Binswanger/Glanz (MPI)

03/15/2019 – 12/31/2023

NIH/NIDA

[Supplement to] “Assessing the Safety and Effectiveness of Opioid Tapering in Large Health Systems”

The major goal of this project is to assess COVID-19 testing in individuals exposed to opioids as well as disparities by race/ethnicity and gender in receipt of pain management and opioid use disorder treatment in the context of the pandemic.

Role: Principal Investigator

KPCO RNG210880	Binswanger (PI)	09/01/2020 – 4/30/2023
Kaiser Permanente Colorado IMPROVE Fund		
“Opioid Risk Prediction Model”		
In partnership with KPCO operations, this quality improvement project will compare the performance of the Epic opioid risk model to the existing IHR opioid risk model for use at KPCO and provide recommendations for use and next steps.		
Role: Principal Investigator		
KPCO RNG210746	Binswanger/Glanz (MPI)	06/01/2020–07/31/2022
Garfield Memorial Fund		
“Coronavirus Disease 2019 (COVID-19) Testing in Colorado: A Prospective Cohort in Kaiser Permanente Colorado”		
The goal of this study is to conduct a research-operations partnership strategy to generate timely data to better understand the critical epidemiological characteristics of the novel SARS-CoV-2 via surveys and viral and antibody testing.		
Role: Principal Investigator		
1R01DA042059	Binswanger/Glanz (MPI)	08/01/2016 – 04/30/2022
“The Safety and Impact of Expanded Access to Naloxone in Health Systems”		
The goal of this study is to conduct a clustered randomized pragmatic trial of co-dispensing naloxone with opioids under new standing order legislation passed in Colorado. The study will examine the impact and safety of expanded access to naloxone, an effective opioid antidote which reverses opioid overdose, for patients prescribed opioids for pain.		
Role: Principal Investigator		
3R01DA042059-04S2	Binswanger/Glanz (MPI)	05/01/2019 – 04/30/2021
NIH-NIDA		
[Supplement to] “The Safety and Impact of Expanded Access to Naloxone in Health Systems”		
The goal of this supplement is to identify, engage, and intervene with the adolescent/young adult population at risk for opioid use disorder and overdose.		
Role: Principal Investigator		
3R01DA042059-03S1	Binswanger/Glanz (MPI)	08/01/2016 – 04/30/2021
NIH-NIDA		
[Diversity Supplement to] “The Safety and Impact of Expanded Access to Naloxone in Health Systems”		
The goal of this diversity supplement is to provide training for Anh Nguyen, PhD		
Role: Principal Investigator		
1I01HX002366	Finlay (PI)	04/01/2018 – 03/31/2022
VA HSR&D		
“Quality of Care for Justice-Involved Veterans: Gaps, Predictors, and Stakeholder-Driven Solutions”		
The goal of this study is to identify quality of medical, mental health and substance use disorder care among justice-involved Veterans.		
Role: Consultant		
KPCO RNG211263	Nguyen (PI)	02/01/2021 – 12/31/2021
Kaiser Permanente Colorado IMPROVE Fund		
“IMPROVE COVID-19 High Risk Predictive Model”		
The goal of this study was to provide Kaiser Permanente Colorado clinical operations with an internally valid predictive model for COVID-19.		
Role: Co-Investigator		
3UG1DA040314	Lapham/Bradley (MPI)	06/01/2018 – 11/30/2021
NIH/NIDA CTN-0077		

“Medical Cannabis Use Among Primary Care Patients: Using Electronic Health Records to Study Large Populations”

This developmental study aims to develop a measure of I-documented medical cannabis use that can be used to study medical cannabis use in large clinical populations over time.

Role: Site Principal Investigator

5UG1DA040314 Campbell (PI) 02/15/2019 – 5/31/2021

NIH/NIDA CTN-0084 Supplement

“Determining the Optimal Duration of Buprenorphine Treatment to Reduce the Risk of Relapse, Overdose, and Mortality”

The purpose of this study is to use a prescription opioid registry containing I data across nine diverse health systems to assess how different lengths of buprenorphine retention are related to mortality.

Role: Co-Investigator

3UG1DA040314 Campbell (PI) 09/01/2018 – 02/28/2021

NIH/NIDA CTN-0084

“Developing a Prescription Opioid Registry Across Diverse Health Systems”

The goal of this project is to develop a prescription opioid registry across nine diverse health systems with harmonized I data from years 2012-2018 and use the registry data to answer research questions in response to the opioid crisis. I provide consulting feedback on the analytic approach and data interpretation for the opioid registry and input on draft manuscripts prepared by other site investigators.

Role: Site Principal Investigator

5UG1DA040314-05 Campbell, Weisner, Bradley (MPI) 06/01/2015 – 02/28/2021

NIH/NIDA

“Integrating Addiction Research in Health Systems: The Addiction Research Network”

This application is in response to a NIDA RFA to create a research network that focuses on all aspects of addiction. The network will bring together 15 of the HMORN member health systems. The award would provide infrastructure support to KPNC; specific studies would be developed later across the different sites with additional research funds.

Role: Site Principal Investigator

HHSF223201710132C Toh (PI) 01/01/2018 – 12/31/2020

FDA

“A Reusable Generalizable Method to Link Health Plan Claims Data with the National Death Index Plus to Examine the Association Between Medical Products and Death and Causes of Death”

The objective of the project is to develop a reusable, generalizable method of linking health plan claims data with the Centers for Disease Control and Prevention’s National Death Index Plus (NDI+) data using the distributed data network and infrastructure of Food and Drug Administration’s Sentinel System.

Role: Site Principal Investigator

1U01CE002791 Binswanger/Glanz (MPI) 09/01/2017 – 08/31/2020

CDC

“Assessing the Unintended Consequences of Restrictive Opioid Pain Reliever Policies”

The goal of this study is to evaluate the effects of opioid prescribing policies on heroin overdose within a large health system.

Role: Principal Investigator (Contact)

2016R2R7943 Binswanger (PI) 09/19/2016 – 07/31/2020

“Intergovernmental Personnel Agreement – Ingrid Binswanger”

The purpose of this IPA is to develop a framework by conducting outreach and engage experts in the field of correctional health and healthcare in order to refine the guiding principles and determine a final set of medical indicators for national data collection by the Bureau of Justice Statistics, prepare a report for the Bureau of Justice Statistics, and develop a plan for future data collection. .

Role: Principal Investigator

5R34DA039381 Rinehart (PI) 06/15/2016 – 05/31/2021
NIH/NIDA
“Developing and Testing the Feasibility, Acceptability and Initial Efficacy of a Brief Peer-led Intervention to Improve Reproductive Health among Women in Opioid Medication-Assisted Treatment”
The primary objective of this mixed methods study is conduct a formative qualitative phase to understand the pregnancy desires and motivations of women in opioid medication-assisted treatment; develop a brief theory-based peer-led intervention to prevent unintended pregnancies among women in treatment; and to assess the acceptability, feasibility and initial efficacy of the intervention.
Role: Subaward Principal Investigator/Co-I

5R21DA041489 Finlay (PI) 03/15/2017 – 02/29/2020
NIH/NIDA
“Improving Access to Pharmacotherapy for Opioid Use Disorder Among Justice-Involved Veterans”
To conduct qualitative interviews with justice-involved veterans, and VA justice outreach staff, criminal justice system staff, and VA and community health care providers who work with justice-involved veterans to improve access and use of pharmacotherapy for opioid use disorder.
Role: Subaward Principal Investigator/Co-I

5R21DA041489 Finlay (PI) 03/15/2017 – 02/29/2020
NIH/NIDA
[Supplement to] “Improving Access to Pharmacotherapy for Opioid Use Disorder Among Justice-Involved Veterans”
The goal of this supplement project is to leverage the parent grant by designing a national online survey about OUD pharmacotherapy for justice-involved veterans.
Role: Subaward Principal Investigator/Co-I

1R56DA044302 Glanz/Binswanger (MPI) 09/01/2017 – 08/31/2019
NIH/NIDA
“Applying Big Data Analytics to Study the Impact of Opioid Prescribing Policy Changes on Prescribing Behavior and Overdose Outcomes”
This study examines is designed to use “big data” from electronic health records and claims to identify heroin use in a large and diverse population of patients for the purpose of assessing the impact of opioid tapering on heroin use.
Role: Principal Investigator

Strategic Targeted Allocation of Resources (STAR) Binswanger (PI) 02/01/2018 – 12/31/2018
Institute for Health Research
“Exploring Complementary and Alternative Medicine as Alternatives to Opioids for Pain”
This pilot project is designed to conduct foundational observational research in non-pharmacologic, alternative approaches to address pain and substance use disorders by seeking to understand patient populations engaged in Complementary and Alternative Medicine services at Kaiser Permanente Colorado.
Role: Principal Investigator

1R24HS22143 Havranek (PI) 04/01/2013 – 01/31/2018
AHRQ
“Developing Infrastructure for Patient-Centered Outcomes Research at Denver Health”
The theme of the proposed Center directly addresses two national priorities for patient-centered outcomes research: addressing disparities and improving healthcare systems. All 3 projects target the "healthcare required to achieve best outcomes" among socioeconomically disadvantaged groups, including racial and ethnic minorities. Designs effective in a safety net can inform high-value design in other systems.
Role: Subaward Principal Investigator/Co-Investigator/Director of PCOR Scholars Program

1R34DA039101 Kral (PI) 11/04/2015 – 03/31/2018
NIH/NIDA
“Preventing Overdose Mortality Among People Exiting Incarceration”
This study will develop and implement overdose education and naloxone distribution programs in venues that target people exiting incarceration and their family members.
Role: Subaward Principal Investigator/Consultant

3UG1DA040314 Weisner (PI) 06/01/2016 – 05/31/2018
NIH/NIDA CTN-0072-Ot
“Examine Patients and System-Level Factors Associated with HEDIS AOD-IET Measure Performance across Health Systems”
Examine how performance on the HEDIS Alcohol and Drug Disorder Initiation and Engagement in Treatment (AOD IET) measures vary by individual and system-level characteristics, after adjusting for patient case-mix.
Role: Subaward Principal Investigator

1R01HD079467 Morenoff (PI) 01/01/2015 – 04/30/2018
NIH/NICHD
“The Consequences of Sanctions for Mortality in Socially Marginalized Populations”
This study examines the effect of incarceration on health and health disparities by using a pair of quasi-experimental studies in a statewide longitudinal cohort to examine the effect of incarceration on mortality.
Role: Subaward Principal Investigator

Strategic Targeted Allocation of Resources (STAR) Binswanger/Glanz (MPI) 02/01/2017 – 12/31/2017
Institute for Health Research
“Linking Kaiser Permanente Colorado membership records to Colorado Medicaid Data”
This pilot project looked at the feasibility of attaining data from the All Payor Claims Database on Kaiser Permanente Medicaid patients to fill gaps in data for those patients that have gaps in enrollment.
Role: Principal Investigator

IRA Committee Supported Project Binswanger (PI) 02/01/2017 – 12/31/2017
Institute for Health Research
“Opioid Surveillance Program”
In partnership with KPCO operations, this quality improvement project developed a surveillance reporting tool that provides data on regional overdose trends.
Role: Principal Investigator

Strategic Targeted Allocation of Resources (STAR) Binswanger/Glanz (MPI) 02/01/2016 – 12/31/2016
Institute for Health Research
“Developing methods to examine family-based risk for opioid use disorders among youth”
This goal of this research is to create methods to conduct multigenerational analyses to explore the incidence of opioid prescribing among youth and their families, and assess the effects on outcomes.
Role: Principal Investigator

1R01DA031816 Booth (PI) 08/01/2011 – 5/31/2017
NIH/NIDA
“The Impact of Medical Marijuana in Metropolitan Denver”
This research investigates the marijuana industry in Colorado using qualitative and quantitative methods.
Role: Co-Investigator (Starting 2015, subaward Principal Investigator)

1R01DA031816 Booth (PI) 2013-2014
NIH/NIDA
“The Impact of Medical Marijuana in Metropolitan Denver - Supplement”

This research investigates the marijuana industry in Colorado using qualitative and quantitative methods.

Role: Co-Investigator

3UG1DA040314 Bradley (PI) 01/01/2017 – 04/30/2017

NIH/NIDA

“Primary Care Opioid Use Disorders Treatment Trial (PROUD) Phase I”

The goal of Phase I is to describe current usual Opioid Use Disorders care in health care systems across the U.S. and to provide the necessary information to prepare for a pragmatic trial in Phase 2.

Role: Subaward Principal Investigator

1R34DA035952 Binswanger (PI) 06/15/2013 – 04/30/2017

NIH/NIDA

“Overdose Risk Assessment, Counseling and Naloxone Prescription in Health Care”

This study will develop a feasible, information-technology supported prescription opioid overdose prevention intervention for use in large health care systems.

Role: Principal Investigator

3R34DA035952 Binswanger (PI) 05/01/2014 – 04/30/2016

NIH/NIDA

Supplement to “Overdose Risk Assessment, Counseling and Naloxone Prescription in Health Care”

The goal of this supplement is to develop a clinical prediction model which provides an overdose risk score for clinicians to use in decision-making about naloxone and develop an “app” to make the predictive models useable by medical providers.

Role: Principal Investigator

UC Cancer Center Small Grant Binswanger/Fischer (Co-PIs) 2014-2015

“Patient Navigation to Enhance Pain Management and Opioid Safety in Cancer Patients”

The goals of this project are to collect qualitative data on pain management and opioid safety in advanced cancer patients and to develop a medication safety oriented patient navigation intervention for cancer care.

Role: Co-PI

5T32 HP10006-23-00 Binswanger (PD) 2003-2016

HRSA

National Research Service Award

This project trains physicians in outcomes and health services research methods.

Role: Project Director (cost shared effort)

2011-BJ-CX-K073 Binswanger (PI) 2011-2015

“Longitudinal Approach to Examining Deaths in Correctional Facilities”

Bureau of Justice Statistics Visiting Fellowship, U.S. Department of Justice

This is a visiting fellowship with the Bureau of Justice Statistics to examine mortality among prisoners in the United States and develop a framework for future data collections on health in correctional populations.

Role: Principal Investigator

JP-172 Binswanger (academic PI)/Raville (community PI) 2013-2014

CCTSI

“Let’s talk about life”: Empowering our community to prevent deaths from overdose

The focus of this study is the prevention of fatalities from opioid overdose through naloxone prescription for take-home use.

Role: Co-Principal Investigator

2-312-0213497 Krebs, Chris (PI) 2013-2014

Bureau of Justice Statistics

“Processing and evaluating the NDI-DCRP Matched Data”

Perform analysis on Bureau of Justice Statistics data to determine its reliability regarding costs of administering the DCRP prison and jail collections.

Role: Subaward Principal Investigator/Co-Investigator

1R21DA031041 Binswanger (PI) 2011-2013
NIH/NIDA

“Drug-Related Risk for Death After Release from Prison”

The goal of this study is to examine the substance-use related risk factors for all-cause and overdose death after release from prison.

Role: Principal Investigator

1R03DA029448 Binswanger (PI) 2010-2013

“HIV Risk Behavior in Drug-Involved Former Inmates”

The goal of this study is to investigate the change over time in risk behaviors after release from Colorado state prisons in a longitudinal cohort study. This study also examines HIV as a risk factor for overdose and history of overdose among former prison inmates.

Role: Principal Investigator

RWJF#64306 Binswanger (PI) 2008-2011

“Improving Health Outcomes during the Transition from Prison to the Community”

Robert Wood Johnson Foundation Physician Faculty Scholars Award

This project examined risk factors for all cause and overdose after release from prison, conducted qualitative interviews with former inmates about their health risks after release (including overdose) and pilot tested a patient navigation intervention to reduce risks to former prison inmates.

Role: Principal Investigator

HRSA D5CHP19230/ D55HP05157 Kempe (PI) 2006-2011

“Faculty Development in General Internal Medicine/General Pediatrics/Family Medicine”

This project trains physicians in outcomes and health services research methods.

Role: Co-Investigator

AHRQ K12 HS019464 Libby (PI) 2010-2011

“Comparative Effectiveness Research in Substance Use Disorders”

The goal of this career development award was to conduct comparative effectiveness research in substance use disorders among individuals with criminal justice involvement to determine how to improve health outcomes in this highly vulnerable population. (Discontinued because of award of R21)

Role: Career development awardee

Small Grants Program, UCD Binswanger (PI) 2009-2011

“Health Care Utilization and Health Risk Behaviors of Drug Users in the Criminal Justice System”

General Internal Medicine Small Grants Program, University of Colorado Denver

Role: Principal Investigator

GIM Small Grants Program, UCD Binswanger (PI) 2007-2008

“Tuberculosis Screening in Correctional Officers”

General Internal Medicine Small Grants Program, University of Colorado Denver

Role: Principal Investigator

Grants on which I serve as a mentor

5K08DA049905 Calcaterra (PI) 04/01/2020-3/31/2025
NIH/NIDA

“Understanding Factors that Limit Access to Opioid Use Disorder Treatment in the Hospital to Inform Innovative Approaches to Expand Hospital-Based Addiction Treatment”

With the career goal of becoming an independent health services researcher, Dr. Susan Calcaterra will conduct a mentored research project and a rigorous career development plan which will prepare her to become a leader in the integration of opioid use disorder treatment in the hospital setting with linkage to OUD care post discharge.

Role: Mentor

Denver Health Pilot Grant Lyden (PI) 2019-2020

“Clinical risk factors for opioid overdose after hospital discharge”

This retrospective cohort study examines hospitalization-related clinical risk factors for opioid overdose after hospital discharge among individuals prescribed long-term opioid therapy.

Role: Mentor

Strategic Targeted Allocation of Resources (STAR) Shoup (PI) 2021-2022

“Characteristics of COVID-19 vaccine hesitancy and vaccine receipt among a sample of Kaiser Permanente Colorado members: Exploring reasons for hesitancy”

This study conducts a survey and qualitative interviews with KPCO members to measure COVID-19 hesitancy and understand their reasons for hesitancy. We will also measure vaccine receipt using KPCO’s electronic medical record.

Role: Mentor

STAR grant funding, internal KPCO Nguyen (PI) 2020-2021

“Health Insurance Instability and Mortality among Patients Receiving Buprenorphine Treatment for Opioid Use Disorder”

This study conducts a quantitative analysis to characterize insurance instability, identify associated risk factors, and assess the association of insurance coverage gaps with mortality.

Role: Mentor

5K12HL137862

NIH/NHLBI Glasgow, R (PI)/Wagner (trainee) 07/1/20-6/30/22

*IMPl*ementation to Achieve Clinical Transformation (*IMPACT*)

Served as Mentor for Nicole Wagner, PhD

The *IMPACT*, centered at the Adult and Child Consortium for Outcomes Research and Delivery Science, is a two-year career development program preparing a diverse group of post-doctorate scholars for careers in T4 translational research with an emphasis on heart, lung, blood, and sleep disorders. Through training, Dr. Wagner worked to identify missed opportunities to prevent overdose in youth and explore facilitators and barriers to implementation of naloxone distribution strategies.

Role: Mentor

CDA 15-059 Frank (PI) 2016-2021

VA HSR&D

“Development and Testing of a Prescription Opioid Tapering Intervention”

The objective is to adapt and pilot a collaborative care intervention to provide patient-centered opioid tapering support in a VA primary care setting.

Role: Mentor

K23DA040923 Bartels (PI) 2016-2020

NIH/NIDA

“IMPROVING OPIOID PRESCRIPTION SAFETY AFTER SURGERY”

The proposed research aims at developing patient-centered prescribing practices for pain therapy after surgery.

Role: Mentor

K23MH100162 Loeb (PI) 2013-2018

NIH/NIMH

“Improving Primary Care Management of Complex Patients with Psychiatric Illness”

The objective is to develop and pilot a tailored practice facilitation intervention to increase primary care physician self-efficacy to deliver effective team-based care for this population.

Role: Mentor

CDA 13-279. VA HSR&D Finlay (PI) 2014-2019

“Justice-Involved Veterans: Mental Health and Substance Use Care of Young Adults”

This project involves examining mental health and substance use disorder access and engagement among justice-involved Veterans who served in Iraq and Afghanistan and who have mental health or substance use disorder conditions.

Role: Mentor

K23AA021814 Clark (PI) 2014-2019

NIH/NIAAA

“Tailored Screening, Brief Intervention and Referral to Treatment for Medical Intensive Care Patients”

This project builds a tailored system of screening, brief intervention, and referral to treatment that accounts for the unique characteristics of medical ICU survivors.

Role: Advisory Committee Member

K12HD001271 Santoro (PI)/ Metz (Trainee) 2016-2018

Colorado Women’s Reproductive Health Research (WRHR) Career Development Center/Women’s Reproductive Health Research (WRHR) Scholar

“Longitudinal Assessment of Maternal Marijuana Exposure”

The goal of the WRHR program is to assist physician investigators in their transition to independence through a mentored intensive research experience. The aims of the project are to: (1) Evaluate the agreement between serial reported marijuana use, urine-detected THC and cord blood homogenate-detected THC in a cohort of 150 women enrolled at the time of their first prenatal visit (<20 weeks) and followed prospectively throughout pregnancy, and (2) assess the reported benefits and perceived harms of marijuana use throughout pregnancy.

Role: Mentor for Metz (WRHR Scholar)

Denver Health Calcaterra (PI) 2013-2014

“The Role of the Hospital-Based Physician in Chronic Pharmaceutical Opioid Use”

This epidemiologic study examines the risk of long term opioid therapy in medical patients started on opioid therapy at hospital discharge.

Role: Mentor

GIM Small Grants Program, UCD Frank (PI) 2014-2015

“Development of a Goal-Oriented Opioid Decision Guide (GOOD Guide) for Chronic Opioid Therapy”

This study conducts qualitative interviews with patients on chronic opioids to identify key decisions about opioid safety and develops a shared decision aid to help physicians and patients discuss opioid tapering.

Role: Mentor

GIM Small Grants Program, UCD Loeb (PI) 2011-2012

“What is a Complex Patient in Primary Care: A Qualitative Study on Physician Perception of Patient Complexity and the Role of Mental Illness”

This study conducted qualitative interviews with primary care physicians on their perceptions of complex patients.

Role: Mentor

VA CRICC Pilot Grant Program Wortzel (PI) 2009-2011

“Veteran Status and the Risk of Death Following Release from Prison”

Colorado Research to Improve Care Coordination (CRICC) Pilot Grant Program

Role: Mentor/Co-Investigator

13. Bibliography

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/ingrid.binswanger.1/bibliography/public/>

Papers Published in Peer-Reviewed Journals (* indicates articles first-authored by mentees)

1. **Binswanger IA**, Kral AH, Bluthenthal RN, Rybold DJ, Edlin BR. High prevalence of abscesses and cellulitis among community-recruited injection drug users in San Francisco. Clinical Infectious Diseases. 2000;30(3):579-81. (PMID 10722447)
2. **Binswanger, IA**, White, MC, Pérez-Stable, EJ, Goldenson, J, Tulskey, JP. Cancer screening among jail inmates: frequency, knowledge and willingness. American Journal of Public Health. 2005;95(10):1781-7. (PMC 1449436)
3. **Binswanger IA**, Stern MF, Deyo RA, Heagerty PJ, Cheadle A, Elmore JG, Koepsell TD. Release from prison: a high-risk of death for former inmates. New England Journal of Medicine. 2007;356:157-65. [Letters to the editor and author reply: NEJM 356:1786-7.] (PMC2836121)
4. Takahashi TA, Baernstein A, **Binswanger I**, Bradley KA, Merrill JO. Predictors of hospitalization for injection drug users seeking care for soft tissue infections. Journal of General Internal Medicine. 2007; 22(3):382-388. (PMC1824763)
5. *Wortzel H, **Binswanger IA**, Martinez R, Filley C, Anderson CA. Crisis in the treatment of incompetence to proceed to trial: harbinger of a systemic illness. Journal of the American Academy of Psychiatry and Law. 2007;35(3):257-63. (PMID: 19297638)
6. **Binswanger IA**, Takahashi TA, Bradley K, Dellit TH, Benton KL, Merrill JO. Drug users seeking emergency care for soft tissue infection at high risk for subsequent hospitalization and death. Journal of Studies on Alcohol and Drugs. 2008; Nov;69(6):924-32. (PMC2583377)
7. Baillargeon, J., **Binswanger IA**, Penn JV, Williams BA, Murray OJ. Psychiatric Disorders and Repeat Incarcerations: The Revolving Prison Door. The American Journal of Psychiatry. 2009; Jan;166 (1):103-9. (PMID: 19047321)
8. **Binswanger IA**, Cowan JA Jr. Firearms in major motion pictures, 1995-2004. Journal of Trauma, Injury, Infection and Critical Care. 2009 Mar;66(3):906-11. (PMID: 19276772)
9. *Wortzel H, **Binswanger IA**, Anderson CA, Adler LE. Suicide among incarcerated veterans: Journal of the American Academy of Psychiatry and Law. 2009 37(1):82-91.
10. **Binswanger IA**, Krueger PM, Steiner JS. Prevalence of Chronic Medical Conditions among Jail and Prison Inmates in the United States Compared with the General Population. Journal of Epidemiology and Community Health. 2009;63;912-919. (PMID 19696388)
11. **Binswanger IA**, Merrill JO, Krueger PM, White MC, Booth RE, Elmore JE. Gender differences in chronic medical and psychiatric conditions among jail inmates. American Journal of Public Health. 2010; Mar;100(3):476-82. (PMC 2820077)
12. **Binswanger IA**, O'Brien K, Benton K, Gardner EM, Hirsh JM, Felton S, Belknap R. Tuberculosis Testing in Correctional Officers: A National Random Survey of Jails in the United States. The International Journal of Tuberculosis and Lung Disease. 2010; 14(4):464-70. (PMID: 20202305)
13. *Merrall, ELC, Kariminia A, **Binswanger IA**, Hobbs MS, Farrell M, Marsden J, Hutchinson, SJ, Bird SM. Meta-analysis of drug-related deaths soon after release from prison. Addiction. 2010; 105(9):1545-54. (PMC2955973)
14. *May J, Joseph J, Pape JW, **Binswanger I**. Health Care for Prisoners in Haiti. Annals of Internal Medicine. 2010; 153(6): 407-410. (PMID: 20679542)

15. **Binswanger IA**, Blatchford PJ, Lindsay R, Stern, MF. Risk Factors for All-Cause, Overdose and Early Deaths after Release from Prison in Washington State. Drug and Alcohol Dependence. 2011; Aug 117(1):1-6. (PMID: 21295414)
16. *Loeb DF, Lee RS, **Binswanger IA**, Ellison MC, Aagaard EM. Patient, Resident Physician, and Visit Factors Associated with Documentation of Sexual History in the Outpatient Setting. Journal of General Internal Medicine. 2011; Aug;26(8):887-93. (PMC3138976)
17. *Nussbaum A, Thurstone C, **Binswanger IA**. Medical Marijuana Use and Suicide Attempt in a Patient with Major Depressive Disorder. American Journal of Psychiatry. 2011; 168(8): 778-81. (PMC5242320)
18. *Adams J, Nowels C, Corsi K, Long J, Steiner JF, **Binswanger IA**. HIV Risk After Release From Prison: A Qualitative Study of Former Inmates. Journal of Acquired Immune Deficiency Syndromes. 2011; 57(5): 429-34. (PMC3685495)
19. **Binswanger IA**, Nowels C, Corsi KF, Long J, Booth RE, Kutner J, Steiner JF. From the Prison Door Right to the Sidewalk, Everything Went Downhill: A Qualitative Study of the Health Experiences of Recently Released Inmates. International Journal of Law and Psychiatry. 2011; Jul-Aug;34(4):249-55. (PMID: 21802731)
20. **Binswanger IA**, Mueller S, CB Clarke, Cropsey KL. Risk Factors for Cervical Cancer in Criminal Justice settings. Journal of Women's Health. 2011; Dec; 20(12):1839-45. (PMC 3236985)
21. **Binswanger IA**, Redmond N, Steiner JF, Hicks LS. Health Disparities and the Criminal Justice System: An Agenda for Further Research and Action. Journal of Urban Health. 2012 Feb; 89(1):98-107. (PMC3284594)
22. *Ahalt C, **Binswanger IA**, Steinman M, Tulsy J, Williams B. Confined to Ignorance: The absence of prisoner information from nationally representative health datasets. Journal of General Internal Medicine. 2012 Feb;27(2):160-6. (PMC3270223)
23. *Calcaterra S, Blatchford PJ, Friedmann PD, **Binswanger IA**. Psychostimulant-Related Deaths among Former Inmates. Journal of Addiction Medicine. 2012; Jun;6(2):97-105. (PMID: 22134174)
24. Lim S., Seligson AL, Parvez F, Luther CW, Mavinkurve MP, **Binswanger IA**, Kerker BD, Risk of drug-related death, suicide, and homicide during the immediate post-release period among people released from New York City jails, 2001-2005. American Journal of Epidemiology. 2012; Mar 15;175(6):519-26. (PMID: 22331462)
25. **Binswanger IA**, Nowels C, Corsi KF, Glanz J, Long J, Booth RE, Steiner JF. Return to drug use and overdose after release from prison: A qualitative study of risk and protective factors. Addiction Science & Clinical Practice. 7; 3 (15 March 2012). (PMC3414824)
26. *Loeb DF, Bayliss EA, **Binswanger IA**, Candrian C, Degruy FV. Primary Care Physician Perceptions on Caring for Complex Patients with Medical and Mental Illness. J Gen Intern Med. 2012 Aug;27(8):945-52. (PMC3403152)
27. *Wortzel H, Blatchford PJ, **Binswanger IA**. Risk of Death for Veterans on Release from Prison. Journal of the American Academy of Psychiatry and the Law. 2012;40(3):348-54. (PMID: 22960917)
28. Cropsey KL, **Binswanger IA**, Clark CB, Taxman FS. The unmet medical needs of correctional populations in the United States. J Natl Med Assoc. 2012;104(11-12):487-92. (PMC3236985)
29. *Calcaterra S, Glanz J, **Binswanger IA**. National trends in pharmaceutical opioid related overdose deaths compared to other substance related overdose deaths: 1999-2009. Drug Alcohol Depend. 2013;Aug 1;131(3):263-70. (PMC3935414)
30. *Calcaterra S, **Binswanger IA**. National Trends in Psychostimulant-Related Deaths: 1999-2009. Substance Abuse. 2013;34(2):129-36. (PMC3876881)

31. Thurstone C, **Binswanger IA**, Corsi KF, Rinehart DJ, Booth RE. Medical Marijuana Use and Parenting: A Qualitative Study. Adolescent Psychiatry. 2013; 3(5):190-194. (PMC6706266)
32. **Binswanger IA**, Blatchford PJ, Mueller S, Stern MF. Mortality after Prison Release: Opioid Overdose and Other Causes of Death, Risk Factors, and Time Trends from 1999 to 2009. Annals of Internal Medicine. 2013; 159(9): 562-600. (PMC5242316)
33. **Binswanger IA**, Mueller S, Beaty BL, Min SJ, and Corsi KF. Gender and risk behaviors for HIV and sexually transmitted infections among recently released inmates: A prospective cohort study. AIDS Care, 2014 Jul;26(7):872-81. (PMC3989499)
34. *Calcaterra S, Beaty B, Mueller SR, Min SJ, **Binswanger IA**. The Association between Social Stressors and Drug Use / Hazardous Drinking among Former Prison Inmates. Journal of Substance Abuse Treatment. 2014 Jul;47(1):41-9. (PMC4011944)
35. *Caverly TJ, Prochazka AV, **Binswanger IA**, Kutner JS, Matlock DD. Confusing Relative Risk with Absolute Risk Is Associated with More Enthusiastic Beliefs about the Value of Cancer Screening. Med Decis Making. 2014 Apr 14;34(5):686-692. (PMID: 25378297)
36. *Clark BJ, **Binswanger IA**, Moss M. The intoxicated ICU patient: another opportunity to improve long-term outcomes. Crit Care Med. 2014 Jun;42(6):1563-4. (PMC4283477)
37. Broyles LM, **Binswanger IA**, Jenkins JA, Finnell DS, Faseru B, Cavaiola A, Pugatch M, Gordon AJ. Confronting Inadvertent Stigma and Pejorative Language in Addiction Scholarship: A Recognition and Response. Substance Abuse. 2014;35(3):217-21.
38. **Binswanger IA**, Whitley E, Haffey, PR, Mueller SR, Min SJ. A Patient Navigation Intervention for Drug Involved Former Prison Inmates. Substance Abuse. 2015 Jan-Mar;36(1):34-41. (PMC4276554)
39. **Binswanger IA**, Carson EA, Krueger P, Mueller S, Steiner JF, Sabol W. A Population-based Retrospective Analysis of Tobacco Control Policies and Deaths from Smoking among Prisoners in the United States. BMJ. 2014 Aug 5;349:g4542. (PMC4122735)
40. **Binswanger IA**. Commentary on Forsyth et al. (2014): Subgroup differences in post-release mortality: implications for access to diverse and effective treatments. Addiction. 2014 Oct;109(10):1684-5 (PMID: 25163712)
41. *Caverly TJ, Prochazka AV, Combs BP, Lucas BP, Mueller SR, Kutner JS, **Binswanger I**, Fagerlin A, Matlock DD. Doctors and Numbers: An Assessment of the Critical Risk Interpretation Test. Med Decis Making. 2015 May;35(4):512-24. (PMID: 25378297)
42. **Binswanger IA**, Glanz, JM. Pharmaceutical opioids in the home and youth: implications for adult medical practice. Substance Abuse. 2015;36(2):141-3. (PMC4470841)
43. Kouyoumdjian FG, Mclsaac KE, Liauw J, Green S, Karachiwalla F, Siu W, Burkholder K, **Binswanger I**, Kiefer L, Kinner SA, Korchinski M, Matheson FI, Young P, Hwang SW. A Systematic Review of Randomized Controlled Trials of Interventions to Improve the Health of Persons During Imprisonment and in the Year After Release. Am J Public Health. 2015 Apr;105(4):e13-33. (PMC4358164)
44. *Finlay AK, **Binswanger I**, Smelson D, Sawh L, McGuire J, Rosenthal J, Blue-Howells J, Timko C, Blodgett JC, Harris AHS, Asch S, Fraye S. Sex Differences in Mental Health and Substance Use Disorders and Treatment Entry Among Justice-Involved Veterans in the Veterans Health Administration. Medical Care. 2015 Apr;53(4, Suppl 1):S105-S111. (PMID: 25767963)
45. *Mueller SR, Walley AY, Calcaterra SL, Glanz JM, **Binswanger IA**. A Review of Opioid Overdose Prevention and Naloxone Prescribing: Implications for Translating Community Programming into Clinical Practice. Subst Abus. 2015;36(2):240-53. (PMC4470731)
46. Spaulding AC, Sharma A, Messina LC, Zlotorzynska M, Miller L, **Binswanger IA**. A Comparison of Liver Disease Mortality with HIV and Overdose Mortality Among Georgia Prisoners and

- Releasees: A 2-Decade Cohort Study of Prisoners Incarcerated in 1991. Am J Public Health. 2015 May;105(5):e51-7. (PMC4386519)
47. *Calcaterra SL, Keniston A, Blum J, Crume T, **Binswanger IA**. The Association between Stimulant, Opioid, and Multiple Drug Use on Behavioral Healthcare Utilization in a Safety-Net Health System. Subst Abuse. 2015; Oct-Dec;36(4):407-12. (PMC4780338)
 48. *Gaskin G, Glanz JM, **Binswanger IA**, Anoshiravani A. Immunization Coverage among Juvenile Justice Detainees. Journal of Correctional Health Care. 2015 Jul;21(3):265-75. (PMID: 26084948)
 49. **Binswanger IA**, S Koester, SR Mueller, EM Gardner, K Goddard and JM Glanz. Overdose education and naloxone for patients prescribed opioids in primary care: a qualitative study of primary care staff. Journal of General Internal Medicine. 2015 Dec;30(12):1837-44. (PMC4636555)
 50. *Loeb D, **Binswanger IA**, Candrian C, Bayliss L. Primary Care Physician Insights into a Typology of the Complex Patient in Primary Care. Ann Fam Med. 2015 Sep 13(5):451-5. (PMC4569453)
 51. *Frank JW, **Binswanger IA**, Calcaterra SL, Brenner LA, Levy C. Non-medical use of prescription pain medications and increased emergency department utilization: Results of a national survey. Drug Alcohol Depend. 2015 Dec 1;157:150-7. (PMID: 26564754)
 52. *Finlay AK, Stimmel M, Blue-Howells J, Rosenthal J, McGuire J, **Binswanger I**, Smelson D, Harris AH, Frayne SM, Bowe T, Timko C. Use of Veterans Health Administration Mental Health and Substance Use Disorder Treatment After Exiting Prison: The Health Care for Reentry Veterans Program. Adm Policy Ment Health. 2015 Dec 21:1-11. (PMC4916025)
 53. *Frank JW, Levy C, Calcaterra SL, Hoppe JA, **Binswanger IA**. Naloxone Administration in U.S. Emergency Departments, 2000-2011. Journal of Medical Toxicology. 2016 Jun;12(2):148-56 (PMC4880605)
 54. **Binswanger IA**, Stern MF, Yamashita TE, Mueller SR, Baggett TP, Blatchford PJ. Clinical risk factors for death after release from prison in Washington State: a nested case control study. Addiction. 2016 Mar;111(3):499-510. (PMC4834273)
 55. **Binswanger IA**, Gordon AJ. From Risk Reduction to Implementation: Addressing the Opioid Epidemic and Continued Challenges to Our Field. Subst Abuse. 2016;37(1):1-3 (PMID:26820257)
 56. *Calcaterra SL, Yamashita TE, Min SJ, A Keniston, Frank JW, **Binswanger IA**. Opioid prescribing at hospital discharge contributes to chronic opioid use. J Gen Intern Med 2016 May;31(5):478-85. (PMC4835366)
 57. *Finlay, A. K., Harris, A. H. S., Rosenthal, J., Blue-Howells, J., Clark, S., McGuire, J., Timko, C., Frayne, S., Smelson, D., Oliva, E., **Binswanger, I**. Receipt of pharmacotherapy for opioid use disorder by justice-involved status in Veterans Health Administration patients. Drug and Alcohol Dependence 2016 Mar;160:222-226 (PMC4767599).
 58. *Bartels K, Mayes LM, Dingmann C, Bullard KJ, Hopfer CJ, **Binswanger IA**. Opioid Use and Storage Patterns by Patients after Hospital Discharge following Surgery. PLoS One. 2016 Jan 29;11(1):e0147972. (PMC4732746)
 59. *Bartels K, **Binswanger IA**, Hopfer CJ. Sources of Prescription Opioids for Nonmedical Use. J Addict Med. 2016 Mar-Apr;10(2):132. (PMC4800822)
 60. *Loeb DF, Bayliss EA, Candrian C, deGruy FV, **Binswanger IA**. Primary Care Providers' Experiences Caring for Complex Patients in Primary Care: A Qualitative Study. BMC Fam Pract. 2016 Mar 22;17(1):34 (PMC4804627)
 61. *Finlay AK, Smelson D, Sawh L, McGuire J, Rosenthal J, Blue-Howells J, Timko C, **Binswanger I**, Frayne SM, Blodgett JC, Bowe T, Clark SC, Harris AHS. Veterans Justice

Outreach Program: Connecting Justice-Involved Veterans with Veterans Health Administration Mental Health and Substance Use Disorder Treatment. Criminal Justice Policy Review. 2016. March;27(2):203-222. (PMC7073452)

62. *Finlay, A. K., **Binswanger, I.**, Timko, C., Rosenthal, J., Clark, S., Blue-Howells, J., McGuire, J., Hagedorn, H., Wong, J., Van Campen, J., & Harris, A. H. S. Receipt of Pharmacotherapy for Alcohol Use Disorder by Male Justice-Involved U.S. Veterans Health Administration Patients. Criminal Justice Policy Review. 2018 Dec;29(9):875-890. (PMC4852381)
63. *Calcaterra SL, Drabkin AD, Leslie SE, Doyle R, Koester S, Frank JW, Reich JA, **Binswanger IA**. The Hospitalist Perspective on Opioid Prescribing: A Qualitative Analysis. J Hosp Med. 2016 Aug;11(8):536-42. (PMC4970927)
64. **Binswanger IA**, Blatchford PJ, Forsyth SJ, Stern MF, Kinner SA. Epidemiology of Infectious Disease-Related Death after Release from Prison, Washington State, United States, and Queensland, Australia: A Cohort Study. Public Health Rep. 2016 Jul-Aug;131(4):574-82. (PMID: 27453602)
65. Davis CS, Burris S, Beletsky L, **Binswanger I**. Co-prescribing naloxone does not increase liability risk. Subst Abus. 2016 Oct-Dec;37(4):498-500. (PMC5567808)
66. *Frank JW, Levy C., Matlock DD, Calcaterra SL, Mueller SR, Koester S, **Binswanger IA**. Patient's Perspectives on Tapering of Chronic Opioid Therapy: A Qualitative Study. Pain Medicine. 2016. Oct;17(10):1838-1847. (PMC6281041)
67. *Metz, TD, Rovner P, Hoffman C, Allshouse AA, Beckwith KM, **Binswanger IA**. Maternal Deaths From Suicide and Overdose in Colorado, 2004-2012. Obstet Gynecol. 2016 Dec;128(6):1233-1240. (PMC5121076)
68. *Frank MR, Blumhagen R, Weitzenkamp D, Mueller SR, Beaty B, Min SJ and **Binswanger IA**, Tobacco Use Among People Who Have Been in Prison: Relapse and Factors Associated with Trying to Quit. Journal of Smoking Cessation, 2017; 12(2):76-85. (PMC5807014)
69. *Mueller SR, Koester S, Glanz JM, Gardner EM, **Binswanger IA**. Attitudes Toward Naloxone Prescribing in Clinical Settings: A Qualitative Study of Patients Prescribed High Dose Opioids for Chronic Non-Cancer Pain. J Gen Intern Med. 2017 Mar;32(3):277-283. (PMC5331002)
70. *Loeb DF, Crane LA, Leister E, Bayliss EA, Ludman E, **Binswanger IA**, Kline DM, Smith M, deGruy FV, Nease DE, Dickinson LM. Development and initial validation of primary care provider mental illness management and team-based care self-efficacy scales. Gen Hosp Psychiatry. 2017 Mar - Apr;45:44-50. (PMC5608030)
71. *Calcaterra SL, Drabkin AD, Doyle R, Leslie SE, **Binswanger IA**, Frank JW, Reich JA, Koester S. A Qualitative Study of Hospitalists' Perceptions of Patient Satisfaction Metrics on Pain Management. Hosp Top. 2017 Jan-Mar;95(1):18-26. (PMC6029924)
72. **Binswanger IA**, Morenoff JD, Chilcote CA, Harding DJ. Ascertainment of Vital Status among People with Criminal Justice Involvement using Department of Corrections Records, the U.S. National Death Index, and Social Security Master Death Files. American Journal of Epidemiology. 2017 185(10):982-985. (PMC5430939)
73. Koester S, Mueller SR, Raville L, Langedegger S, **Binswanger IA**. Why are some people who have received overdose education and naloxone reticent to call Emergency Medical Services in the event of overdose? The International journal on drug policy. 2017 Oct;48:115-124. (PMC5825210)
74. *Winkelman TNA, Frank JW, **Binswanger IA**, Pinals DA. Health Conditions and Racial Differences Among Justice-Involved Adolescents, 2009 to 2014. Academic pediatrics. 2017; 17(7):723-731. (PMID: 28300655)
75. *Kennedy LC, **Binswanger IA**, Mueller SR, Levy C, Matlock DD, Calcaterra SL, Koester S, Frank JW. "Those Conversations in My Experience Don't Go Well": A Qualitative Study of

Primary Care Provider Experiences Tapering Long-term Opioid Medications. Pain Med. 2018 Nov 1; 19(11):2201-2211. (PMC6454789)

76. **Binswanger IA**. Commentary on Hsu et al. (2017): A systems approach to improving health services for overdose in the hospital and across the continuum of care-an unmet need. Addiction. 2017 Sep;112(9):1565-1566. (PMC6029857)
77. *Loeb DF, Leister E, Ludman E, **Binswanger IA**, Crane L, Dickinson M, Kline DM, deGruy FV, Nease D, Bayliss EA. Factors associated with physician self-efficacy in mental illness management and team-based care. Gen Hosp Psychiatry. 2018 Jan - Feb;50:111-118. (PMC5842160)
78. Glanz JM, Narwaney KJ, Mueller SR, Gardner EM, Calcaterra SL, Xu S, Breslin K, **Binswanger IA**. Prediction model for two-year risk of opioid overdose among patients prescribed chronic opioid therapy. J Gen Intern Med. 2018 Oct;33(10):1646-1653. (PMC6153224)
79. *Calcaterra SL, Scarbro S, Hull ML, Forber AD, **Binswanger IA**, Colborn KL. Prediction of Future Chronic Opioid Use Among Hospitalized Patients. J Gen Intern Med. 2018 Jun;33(6):898-905. (PMC5975151)
80. Molero Y., Zetterqvist Y, **Binswanger IA**, Hellner C., Larsson H., Fazel S. Medications for Alcohol and Opioid Use Disorders and Risk of Suicidal Behavior, Accidental Overdoses, and Crime. Am J Psychiatry. 2018 Oct 1;175(10):970-978. (PMC6169735)
81. *Winkelman TNA, Chang VW; **Binswanger IA**. Health, Polysubstance Use, and Criminal Justice Involvement Among Adults With Varying Levels of Opioid Use. JAMA Network Open. 2018;1(3):e180558. doi:10.1001/jamanetworkopen.2018.0558. (PMC6324297)
82. *Finlay, A. K., **Binswanger, I.**, Timko, C., Smelson, D., Stimmel, M., Yu, M., Bowe, T., & Harris, A. H. S. Facility-level changes in receipt of pharmacotherapy for opioid use disorder: Implications for implementation science. Journal of Substance Abuse Treatment. 2018 Dec;95:43-47. doi: 10.1016/j.jsat.2018.09.006. (PMC6209329)
83. *Peglow SL, **Binswanger IA**. Preventing Opioid Overdose in the Clinic and Hospital: Analgesia and Opioid Antagonists. Med Clin North Am. 2018 Jul;102(4):621-634. (PMC6029888)
84. **Binswanger IA**, Glanz JM. Potential Risk Window for Opioid Overdose Related to Treatment with Extended-Release Injectable Naltrexone. Drug Saf. 2018 Oct;41(10):979-980. (PMC6366853)
85. **Binswanger IA**, Joseph N, Hanratty R, Gardner EM, Durfee J, Narwaney KJ, Breslin K, Mueller SR, Glanz JM. Novel Opioid Safety Clinic Initiative to Deliver Guideline-Concordant Chronic Opioid Therapy in Primary Care. Mayo Clin Proc Innov Qual Outcomes. 2018 Nov 2;2(4):309-316. (PMC6260499)
86. *Metz TD, Silver RM, McMillin GA, Allshouse AA, Jensen TL, Mansfield C, Heard K, Kinney GL, Wymore E, **Binswanger IA**. Prenatal Marijuana Use by Self-Report and Umbilical Cord Sampling in a State With Marijuana Legalization. Obstet Gynecol. 2019 Jan;133(1):98-104. (PMC6370297)
87. *Fox A, Moore A, **Binswanger IA**, Kinner S. Deaths in Custody and Following Release. Journal of Health and Human Services Administration. 2019 Spring;41(4): 44-83.
88. Lapham G, Campbell CI, Yarborough BJH, Hechter RC, Ahmedani BK, Haller I, Kline-Simon AH, Satre DD, Loree AM, Weisner C, **Binswanger IA**. The prevalence of Healthcare Effectiveness Data and Information Set (HEDIS) initiation and engagement in treatment among patients with cannabis use disorders in 7 US health systems. Subst Abus. 2019;40(3):268-277. (PMC6639163)
89. *Lyden J, **Binswanger IA**. The United States opioid epidemic. Semin Perinatol. 2019 Apr;43(3):123-131. (PMC6578581)

90. Kline-Simon AH, Stumbo SP, Campbell CI, **Binswanger IA**, Weisner C, Haller IV, Hechter RC, Ahmedani BK, Lapham GT, Loree AM, Sterling SA, Yarborough BJH. Patient characteristics associated with treatment initiation and engagement among individuals diagnosed with alcohol and other drug use disorders in emergency department and primary care settings. Subst Abus. 2019;40(3):278-284. (PMC6669120)
91. Loree AM, Yeh HH, Satre DD, Kline-Simon AH, Jo H Yarborough B, Haller IV, Campbell CI, Lapham GT, Hechter RC, **Binswanger IA**, Weisner C, Ahmedani BK. Psychiatric comorbidity and Healthcare Effectiveness Data and Information Set (HEDIS) measures of alcohol and other drug treatment initiation and engagement across 7 health care systems. Subst Abus. 2019; 40(3):311-317. (PMC6658358)
92. Campbell CI, Weisner C, **Binswanger IA**, Lapham GT, Ahmedani BK, Yarborough BJH, Haller IV, Altschuler A, Hechter RC, Loree AM, Kline-Simon AH. Predictors of Healthcare Effectiveness Data and Information Set (HEDIS) treatment initiation and engagement among patients with opioid use disorder across 7 health systems. Subst Abus. 2019;40(3):328-334. doi:10.1080/08897077.2018.1545729. (PMID: 30676931).
93. **Binswanger IA**, Narwaney KJ, Gardner EM, Gabella BA, Calcaterra SL, Glanz JM. Development and evaluation of a standardized research definition for opioid overdose outcomes. Subst Abus. 2019;40(1):71-79. (PMC6579660)
94. **Binswanger IA**. Opioid Use Disorder and Incarceration - Hope for Ensuring the Continuity of Treatment. N Engl J Med. 2019. Mar 28;380(13):1193-1195. (PMID: 30811904)
95. Glanz JM, **Binswanger IA** (*co-first author*), Shetterly SM, Narwaney KJ, Xu S. Association Between Opioid Dose Variability and Opioid Overdose Among Adults Prescribed Long-term Opioid Therapy. JAMA Netw Open. 2019 Apr 5;2(4):e192613. doi: 10.1001/jamanetworkopen.2019.2613. (PMC6481879)
96. Hechter RC, Horberg MA, Weisner C, Campbell CI, Contreras R, Chen LH, Yarborough BJH, Lapham GT, Haller IV, Ahmedani BK, **Binswanger IA**, Kline-Simon AH, Satre DD. Healthcare Effectiveness Data and Information Set (HEDIS) measures of alcohol and drug treatment initiation and engagement among people living with the human immunodeficiency virus (HIV) and patients without an HIV diagnosis. Subst Abus. 2019;40(3):302-310. (PMC6761030)
97. **Binswanger IA**, Maruschak LM, Mueller SR, Stern MF, Kinner SA. Principles to Guide National Data Collection on the Health of Persons in the Criminal Justice System. Public Health Rep. 2019 May/Jun;134(1_suppl):34S-45S. doi: 10.1177/0033354919841593. (PMC6505315)
98. Harding DJ, Morenoff JD, Nguyen AP, Bushway SD, **Binswanger IA**. A natural experiment study of the effects of imprisonment on violence in the community. Nature Human Behavior. 2019 Jul;3(7):671-677. doi: 10.1038/s41562-019-0604-8. (PMC70622) (Author Correction published 2020 Sep;4(9):983; PMID: 32322092)
99. *Moore A, Cox-Martin M, Dempsey AF, Berenbaum Szanton K, **Binswanger IA**. HPV Vaccination in Correctional Care: Knowledge, Attitudes, and Barriers Among Incarcerated Women. J Correct Health Care. 2019 Jun 26. doi: 10.1177/1078345819853286. [Epub ahead of print] (PMID: 31242811)
100. *Loeb DF, Kline DM, Kroenke K, Boyd C, Bayliss EA, Ludman E, Dickinson LM, **Binswanger IA**, Monson SP. Designing the relational team development intervention to improve management of mental health in primary care using iterative stakeholder engagement. BMC Family Practice. 2019;20(1):124. (PMC6728939)
101. Wenger LD, Showalter D, Lambdin B, Leiva D, Wheeler E, Davidson PJ, Coffin PO, **Binswanger IA**, Kral AH. Overdose Education and Naloxone Distribution in the San Francisco County Jail. J Correct Health Care. 2019 Oct;25(4):394-404. (PMID: 31672075)
102. *Loeb DF, Monson SP, Lockhart S, Depue C, Ludman E, Nease DE Jr, **Binswanger IA**, Kline DM, de Gruy FV, Good DG, Bayliss EA. Mixed method evaluation of Relational Team Development (Related) to improve team-based care for complex patients with mental illness in

primary care. BMC Psychiatry. 2019;19(1):299. doi:10.1186/s12888-019-2294-1. (PMC6792180).

103. **Binswanger IA**, Carroll NM, Ahmedani BK, Campbell CI, Haller IV, Hechter RC, McNeely J, Yarborough BJH, Kline-Simon AH, Satre DD, Weisner C, Lapham GT. The association between medical comorbidity and Healthcare Effectiveness Data and Information Set (HEDIS) measures of treatment initiation and engagement for alcohol and other drug use disorders. Subst Abuse. 2019;40(3):292-301. (PMC6656641)
104. *Morse E, Ross C, Clemensen S, Babbar S, Wisneski L, Clune H, de Picciotto M, Xu S, **Binswanger I**. Exploring the Use of Complementary and Integrative Health Modalities in Urgent Care for Acute Pain. J Altern Complement Med. 2020 Jun;26(6):537-540. (PMID: 32167802)
105. **Binswanger IA**, Nguyen AP, Morenoff JD, Xu S, Harding DJ. The association of criminal justice supervision setting with overdose mortality: a longitudinal cohort study. Addiction. 2020;115(12):2329-2338. (PMC7541650)
106. Boudreau DM, Lapham G, Johnson EA, Bobb JF, Matthews AG, McCormack J, Liu D, Campbell CI, Rossom RC, **Binswanger IA**, Yarborough BJ, Arnsten JH, Cunningham CO, Glass JE, Murphy MT, Zare M, Hechter RC, Ahmedani B, Braciszewski JM, Horigian VE, Szapocznik J, Samet JH, Saxon AJ, Schwartz RP, Bradley KA. Documented opioid use disorder and its treatment in primary care patients across six U.S. health systems. J Subst Abuse Treat. 2020 Mar;112S:41-48. (PMC7107675)
107. *Nguyen AP, Glanz JM, Narwaney KJ, **Binswanger IA**. Association of Opioids Prescribed to Family Members With Opioid Overdose Among Adolescents and Young Adults. JAMA Netw Open. 2020 Mar 2;3(3):e201018. (PMC7462253)
108. Lapham G, Boudreau DM, Johnson EA, Bobb JF, Matthews AG, McCormack J, Liu D, Samet JH, Saxon AJ, Campbell CI, Glass JE, Rossom RC, Murphy MT, **Binswanger IA**, Yarborough BJH, Bradley KA; PROUD Collaborative Investigators. Prevalence and treatment of opioid use disorders among primary care patients in six health systems. Drug Alcohol Depend. 2020 Feb 1;207:107732. (PMC7158756)
109. *Frank JW, **Binswanger IA**. Commentary on Rhee & Rosenheck (2019): Buprenorphine prescribing for opioid use disorder in medical practice - can office-based out-patient care address the opiate crisis in the United States? Addiction. 2020 Apr;115(4):786-787. (PMID: 31762128)
110. *Finlay A, **Binswanger I**, Timko C. Introduction to the special issue. Addict Sci Clin Pract. 2020 Feb 5;15(1):5. (PMC7001374)
111. Borschmann R, Tibble H, Spittal M, Preen D, Pirkis J, Larney S, Rosen D, Young JT, Love AD, Altice FL, **Binswanger IA**, Bukten A, Butler T, Chang Z, Chen CY, Clausen T, Christensen PB, Culbert GJ, Degenhardt L, Dirkzwager AJE, Dolan K, Fazel S, Fischbacher C, Giles M, Graham L, Harding D, Huang YF, Huber F, Karaminia A, Keen C, Kouyoumdjian FG, Lim S, Møller L, Moniruzzaman A, Morenoff J, O'Moore E, Pizzicato LN, Pratt D, Proescholdbell SK, Ranapurwala SI, Shanahan ME, Shaw J, Slaunwhite A, Somers JM, Spaulding AC, Stern MF, Viner KM, Wang N, Willoughby M, Zhao B, Kinner SA. The Mortality After Release from Incarceration Consortium (MARIC): Protocol for a multi-national, individual participant data meta-analysis. International Journal of Population Data Science. 2020 Jan 25;5(1):1145. (PMC7473255)
112. *Shoup JA, Mueller SR, **Binswanger IA**, Williams AV, Strang J, Glanz JM. Modifying and Evaluating the Opioid Overdose Knowledge Scale for Prescription Opioids: A Pilot Study of the Rx-OOKS. Pain Medicine. 2020 Oct 1;21(10):2244-2252. (PMC7593800)
113. *Finlay AK, Morse E, Stimmel M, Taylor E, Timko C, Harris AHS, Smelson D, Yu M, Blue-Howells J, **Binswanger IA**. Barriers to medications for opioid use disorder among justice-involved veterans: A qualitative study. Journal of General Internal Medicine. 2020;35(9), 2529-2536. (PMC7459011).

114. *Golembeski CA, Sufrin CB, Williams B, Bedell PS, Glied SA, **Binswanger IA**, Hylton D, Winkelman TNA, Meyer JP. Improving Health Equity for Women Involved in the Criminal Legal System. Womens Health Issues. 2020 Sep-Oct;30(5):313-319. (PMC8092370)
115. **Binswanger IA**, Glanz JM, Faul M, Shoup JA, Quintana LA, Lyden J, Xu S, Narwaney K, The Association between Opioid Discontinuation and Heroin Use: A Nested Case-Control Study. Drug and Alcohol Dependence. 2020. Dec 1;217: 108248. (PMID: 32927194)
116. Tsui JI, Akosile MA, Lapham GT, Boudreau DM, Johnson EA, Bobb JF, **Binswanger IA**, Yarborough BJH, Glass JE, Rossom RC, Murphy MT, Cunningham CO, Arnsten JH, Thakral M, Saxon AJ, Merrill JO, Samet JH, Bart GB, Campbell CI, Loree AM, Silva A, Stotts AL, Ahmedani B, Braciszewski JM, Hechter RC, Northrup TF, Horigian VE, Bradley KA. Prevalence and Medication Treatment of Opioid Use Disorder Among Primary Care Patients with Hepatitis C and HIV. J Gen Intern Med. 2021 Apr;36(4):930-937. (PMC8041979)
117. *Derington CG, Mueller SR, Glanz JM, **Binswanger IA**. Identifying naloxone administrations in electronic health record data using a text-mining tool. Subst Abus. 2021;42(4):806-812. (PMC8203755)
118. *Krsak M, Montague BT, Trowbridge P, Johnson SC, **Binswanger IA**. Opioid Use and Chronic Infections: The Value of Addressing the Syndemic in Correctional Settings Via Telemedicine Guidance and Broader Use of Long-Acting Medications. J Infect Dis. 2020 Sep 2;222(Supplement_5):S486-S493. (PMID: 32877543)
119. Fuller CC, Hua W, Leonard CE, Mosholder A, Carnahan R, Dutcher S, King K, Petrone AB, Rosofsky R, Shockro LA, Young J, Young Min J, **Binswanger I**, Boudreau D, Griffin MR, Adgent MA, Kuntz J, McMahill-Walraven C, Pawloski PA, Ball R, Toh S. Developing a Standardized and Reusable Method to Link Distributed Health Plan Databases to the National Death Index: Methods Development Study Protocol. JMIR Res Protoc. 2020 Nov 2;9(11):e21811. (PMC7669437)
120. *Mueller SR, Glanz JM, Nguyen AP, Stowell M, Koester S, Rinehart DJ, **Binswanger IA**. Restrictive opioid prescribing policies and evolving risk environments: A qualitative study of the perspectives of patients who experienced an accidental opioid overdose. Int J Drug Policy. 2021;Jun;92:103077. (PMC9134796)
121. *Finlay AK, Harris AHS, Timko C, Yu M, Smelson D, Stimmel M, **Binswanger IA**. Disparities in Access to Medications for Opioid Use Disorder in the Veterans Health Administration. J Addict Med. 2021 Apr 1;15(2):143-149. (PMC7889740)
122. *Wagner NM, **Binswanger IA**, Shetterly SM, Rinehart DJ, Wain KF, Hopper C, Glanz JM. Development and validation of a prediction model for opioid use disorder among youth. Drug Alcohol Depend. 2021 Oct 1;227:108980. doi: 10.1016/j.drugalcdep.2021.108980. Epub 2021 Aug 28. (PMC8464513)
123. *Morse E, **Binswanger IA**, Taylor E, Gray C, Stimmel M, Timko C, Harris AHS, Smelson D, Finlay AK. Strategies to improve implementation of medications for opioid use disorder reported by veterans involved in the legal system: A qualitative study. J Subst Abuse Treat. 2021 Oct;129:108353. doi: 10.1016/j.jsat.2021.108353. Epub 2021 Mar 4. (PMC8380634)
124. Showalter D, Wenger LD, Lambdin BH, Wheeler E, **Binswanger I**, Kral AH. Bridging institutional logics: Implementing naloxone distribution for people exiting jail in three California counties. Soc Sci Med. 2021 Sep;285:114293. doi: 10.1016/j.socscimed.2021.114293. Epub 2021 Aug 3. (PMID: 34388622)
125. Bagley SM, Chavez L, Braciszewski JM, Akolsile M, Boudreau DM, Lapham G, Campbell CI, Bart G, Yarborough BJH, Samet JH, Saxon AJ, Rossom RC, **Binswanger IA**, Murphy MT, Glass JE, Bradley KA; PROUD Collaborative. Receipt of medications for opioid use disorder among youth engaged in primary care: data from 6 health systems. Addict Sci Clin Pract. 2021 Jul 7;16(1):46. doi: 10.1186/s13722-021-00249-3. (PMC8262000).

126. *Rinehart DJ, Stowell M, Collings A, Durfee MJ, Thomas-Gale T, Jones HE, **Binswanger I**. Increasing access to family planning services among women receiving medications for opioid use disorder: A pilot randomized trial examining a peer-led navigation intervention. J Subst Abuse Treat. 2021 Jul;126:108318. doi: 10.1016/j.jsat.2021.108318. Epub 2021 Feb 4. (PMC8197777)
127. *Metz TD, McMillin GA, Silver RM, Allshouse AA, Heard K, Jensen TL, Wymore EM, Stickrath E, Conageski C, Kinney GL, **Binswanger IA**. Quantification of prenatal marijuana use: evaluation of the correlation between self-report, serum, urine and umbilical cord assays among women delivering at two urban Colorado hospitals. Addiction. 2022 Jan; 117(1):172-181. doi: 10.1111/add.15606. (PMC8664979)
128. Matson TE, Carrell DS, Bobb JF, Cronkite DJ, Oliver MM, Luce C, Ghitza UE, Hsu CW, Campbell CI, Browne KC, **Binswanger IA**, Saxon AJ, Bradley KA, Lapham GT. Prevalence of Medical Cannabis Use and Associated Health Conditions Documented in Electronic Health Records Among Primary Care Patients in Washington State. JAMA Netw Open. 2021 May 3;4(5):e219375. doi: 10.1001/jamanetworkopen.2021.9375. (PMC8103224)
129. Taylor EN, Timko C, **Binswanger IA**, Harris AHS, Stimmel M, Smelson D, Finlay AK. A national survey of barriers and facilitators to medications for opioid use disorder among legal-involved veterans in the Veterans Health Administration. Subst Abus. 2022;43(1):556-563. doi: 10.1080/08897077.2021.1975867. (PMC9423124)
130. *Nguyen AP, Glanz JM, Shoup JA, Campbell CI, Clarke CL, Ford MA, **Binswanger IA**. Mortality among Patients Prescribed Buprenorphine for Opioid Use Disorder After Disenrollment from an Insurance Plan and Healthcare System. Journal of General Internal Medicine. 2022; 37(11):2882-2884. doi:10.1007/s11606-021-07344-w. (PMC9411360)
131. *Calcaterra SL, Lockhart S., Callister C., Hoover K., **Binswanger IA**. Opioid Use Disorder Treatment Initiation and Continuation: A Qualitative Study of Patients who Received Addiction Consultation and Hospital-Based Providers. Journal of General Internal Medicine. 2022; 37(11):2786-2794. doi:10.1007/s11606-021-07305-3. (PMC8722657).
132. **Binswanger IA**, Rinehart D, Mueller SR, Narwaney KJ, Stowell M, Wagner N, Xu S, Hanratty R, Blum J, McVaney K, Glanz JM. Naloxone Co-Dispensing with Opioids: a Cluster Randomized Pragmatic Trial. Journal of General Internal Medicine. 2022 Aug;37(11):2624-2633. (PMC9411391)
133. Ray GT, Altschuler A, Karmali R, **Binswanger I**, Glanz JM, Clarke CL, Ahmedani B, Andrade SE, Boscarino JA, Clark RE, Haller IV, Hechter R, Roblin DW, Sanchez K, Yarborough BJ, Bailey ST, McCarty D, Stephens DA, Rosa CL, Rubinstein AI, Campbell CI. Development and implementation of a prescription opioid registry across diverse health systems. JAMIA Open, 5(2), 2022, 1–11. (PMC9150082)
134. *Calcaterra SL, **Binswanger IA**, Edelman EJ, McNair BK, Wakeman SE, O'Connor PG. The impact of access to addiction specialist on attitudes, beliefs and hospital-based opioid use disorder related care: A survey of hospitalist physicians. Subst Abus. 2022;43(1):143-151. (PMC7541600)
135. Stowell MA, Thomas-Gale T, Jones HE, **Binswanger I**, Rinehart DJ. Perspectives among women receiving medications for opioid use disorder: Implications for development of a peer navigation intervention to improve access to family planning services. Subst Abus. 2022;43(1):722-732. doi:10.1080/08897077.2021.2007514. (PMC9743830)
136. Carrell DS, Cronkite DJ, Shea M, Oliver M, Luce C, Matson TE, Bobb JF, Hsu C, **Binswanger IA**, Browne KC, Saxon AJ, McCormack J, Jelstrom E, Ghitza UE, Campbell CI, Bradley KA, Lapham GT. Clinical documentation of patient-reported medical cannabis use in primary care: Toward scalable extraction using natural language processing methods. Subst Abus. 2022;43(1):917-924. doi:10.1080/08897077.2021.1986767. (PMC9134865).

137. Lapham GT, Matson TE, Carrell DS, Bobb JF, Luce C, Oliver MM, Ghitza UE, Hsu C, Browne KC, Binswanger IA, Campbell CI, Saxon AJ, Vandrey R, Schauer GL, Pacula RL, Horberg MA, Bailey SR, McClure EA, Bradley KA. Comparison of medical cannabis use reported on a confidential survey vs documented in the electronic health record among primary care patients. JAMA Netw Open. 2022;5(5):e2211677. doi:10.1001/jamanetworkopen.2022.11677. (PMC9127557).
138. Braciszewski JM, Idu AE, Yarborough BJH, Stumbo SP, Bobb JF, Bradley KA, Rossom RC, Murphy MT, **Binswanger IA**, Campbell CI, Glass JE, Matson TE, Lapham GT, Loree AM, Barbosa-Leiker C, Hatch MA, Tsui JI, Arnsten JH, Stotts A, Horigian V, Hutcheson R, Bart G, Saxon AJ, Thakral M, Ling Grant D, Pflugeisen CM, Usaga I, Madziwa LT, Silva A, Boudreau DM. Sex differences in comorbid mental and substance use disorders among primary care patients with opioid use disorder. Psychiatr Serv. 2022 Dec 1;73(12):1330-1337. doi:10.1176/appi.ps.202100665. (PMC9722542).
139. **Binswanger IA**, Shetterly SM, Xu S, Narwaney KJ, McClure DL, Rinehart DJ, Nguyen AP, Glanz JM. Opioid Dose Trajectories and Associations With Mortality, Opioid Use Disorder, Continued Opioid Therapy, and Health Plan Disenrollment. JAMA Netw Open. 2022 Oct 3;5(10):e2234671. doi: 10.1001/jamanetworkopen.2022.34671. (PMC9535531)
140. Glanz JM, **Binswanger IA** (*co-first author*), Clarke CL, Nguyen AP, Ford MA, Ray GT, Xu S, Hechter RC, Yarborough BJH, Roblin DW, Ahmedani B, Boscarino JA, Andrade SE, Rosa CL, Campbell CI. The association between buprenorphine treatment duration and mortality: a multi-site cohort study of people who discontinued treatment. Addiction, 2023;Jan;118(1):97-107. doi:10.1111/add.15998. (PMC9722535).
141. *Lyden JR, Xu S, Narwaney KJ, Glanz JM, **Binswanger IA**. Opioid Overdose Risk Following Hospital Discharge Among Individuals Prescribed Long-Term Opioid Therapy: a Risk Interval Analysis. J Gen Intern Med. 2023 Aug;38(11):2560-2567. doi: 10.1007/s11606-022-08014-1. Epub 2023 Jan 25. (PMC9876414)
142. *Nguyen AP, Glanz JM, Narwaney KJ, Zeng C, Wright L, Fairbairn LM, **Binswanger IA**. Update of a Multivariable Opioid Overdose Risk Prediction Model to Enhance Clinical Care for Long-term Opioid Therapy Patients. J Gen Intern Med. 2023 Sep;38(12):2678-2685. doi: 10.1007/s11606-023-08149-9. Epub 2023 Mar 21. (PMID: 36944901)
143. *Shoup, JA, Welter, J, **Binswanger, IA**, Hess, F, Dullenkopf, A, MD, Coker, J, Berliner, J. Spinal cord injury and prescribed opioids for pain: A scoping review. Pain Med. 2023 Oct 3; 24(10):1138-1152.
144. Glanz JM, Xu S, Narwaney KJ, McClure DL, Rinehart DJ, Ford M, Nguyen AP, **Binswanger IA**. Association Between Opioid Dose Reduction Rates and Overdose Among Patients Prescribed Long-term Opioid Therapy. Subst Abus. 2023 Jul;44(3):209-219. doi: 10.1177/08897077231186216. Epub 2023 Sep 13.
145. Bruxvoort K, Palmer-Toy D, Shi J, Narwaney K, Glanz J, **Binswanger IA**, Lam J, Watanabe CK, Portugal C, Aragonés MD, Chang J. SARS-CoV-2 Serology Did Not Predict Risk of Breakthrough Infection During the Omicron BA.1 and BA.2 Surge. Archives of Pathology & Laboratory Medicine. 2023 Oct 5; doi: 10.5858/arpa.2023-0311-LE; Online ahead of print.
146. *Ford MA, Lapham GT, Matson TE, Luce C, Oliver MM, **Binswanger IA**. Comparing Cannabis Use for Pain to Use for Other Reasons in Primary Care Patients. Journal of the American Board of Family Medicine. 2024 Jan 5;36(6):996-1007.
147. Metz VE, Ray GT, Palzes V, **Binswanger I**, Altschuler A, Karmali RN, Ahmedani BK, Andrade SE, Boscarino JA, Clark RE, Haller IV, Hechter RC, Roblin DW, Sanchez K, Bailey SR, McCarty D, Stephens KA, Rosa CL, Rubinstein AL, Campbell CI. Prescription Opioid Dose Reductions

and Potential Adverse Events: a Multi-site Observational Cohort Study in Diverse US Health Systems. J Gen Intern Med. 2024 May;39(6):1002-1009. doi: 10.1007/s11606-023-08459-y. Epub 2023 Nov 6.

148. **Binswanger IA**, Narwaney KJ, Barrow JC, Albers KB, Bechtel L, Steiner CA, Shoup JA, Glanz JM. Association between severe acute respiratory syndrome coronavirus 2 antibody status and reinfection: a case-control study nested in a Colorado-based prospective cohort study. Preventive Medicine Reports. 2023 Dec 1;37:102530. doi: 10.1016/j.pmedr.2023.102530. eCollection 2024 Jan.
149. Xu S, Narwaney KJ, Nguyen AP, **Binswanger IA**, McClure DL, Glanz JM. An individual segmented trajectory approach for identifying opioid use patterns using longitudinal dispensing data. Pharmacoepidemiol Drug Saf. 2024 Jan;33(1):e5708. doi: 10.1002/pds.5708. Epub 2023 Oct 10.
150. **Binswanger IA**, Palmer-Toy DE, Barrow JC, Narwaney KJ, Bruxvoort KJ, Kraus CR, Lyons JA, Lam JA, Glanz JG. Assessing the association between antibody status and Post-Acute Sequelae of COVID-19: a multisite study. PLoS One. 2024 Jun 6;19(6):e0304262. doi: 10.1371/journal.pone.0304262. eCollection 2024.
151. *Nguyen AP, Palzes VA, **Binswanger IA**, Ahmedani BK, Altschuler A, Andrade SE, Bailey SR, Clark RE, Haller IV, Hechter RC, Karmali R, Metz VE, Poulsen MN, Roblin DW, Rosa CL, Rubinstein AL, Sanchez K, Stephens KA, Yarborough BJH, Campbell CI. Association of initial opioid prescription duration and an opioid refill by pain diagnosis: Evidence from outpatient settings in ten US health systems. Prev Med. 2024 Feb:179:107828. doi: 10.1016/j.pmed.2023.107828. Epub 2023 Dec 16.
152. *Christine PJ, Goldman AL, Morgan JR, Yan S, Chatterjee A, Bettano AL, **Binswanger IA**, LaRoche MR. Insurance Instability for Patients With Opioid Use Disorder in the Year After Diagnosis. JAMA Health Forum. 2024 Jul 5;5(7):e242014.
153. Glanz JM, Mueller SR, Narwaney KJ, Wagner NM, Xu S, Kraus CR, Wain K, Botts S, **Binswanger IA** - Effectiveness of direct patient outreach with a narrative naloxone and overdose prevention video to patients prescribed long-term opioid therapy in the USA: the Naloxone Navigator randomised clinical trial: BMJ Public Health 2024;2:e000725.
154. Borschmann R; **Mortality After Release from Incarceration Consortium (MARIC) collaborators**; Kinner SA. Rates and causes of death after release from incarceration among 1 471 526 people in eight high-income and middle-income countries: an individual participant data meta-analysis. Lancet. 2024 May 4;403(10438):1779-1788. doi: 10.1016/S0140-6736(24)00344-1. Epub 2024 Apr 10.
155. *Pytell JD, **Binswanger IA**. Addressing Opioid Use Disorder in Primary Care: Revisiting Core Primary Care Principles to Confidently Initiate Treatment. J Gen Intern Med. 2024 Jul;39(9):1749-1750. doi: 10.1007/s11606-024-08727-5. Epub 2024 Mar 22.
156. Nguyen AP, **Binswanger IA**, Narwaney KJ, Ford MA, McClure DL, Rinehart DJ, Lyons JA, Glanz JM. Association of chronic opioid therapy and opioid use disorder with COVID-19-related hospitalization and mortality: Evidence from three health systems in the United States. Prev Med Rep. 2024 Jul 25;46:102832. doi: 10.1016/j.pmedr.2024.102832. eCollection 2024 Oct.
157. Nielsen S, Horn F, McDonald R, Eide D, Walley AY, **Binswanger I**, Langford AV, Prathivadi P, Wood P, Clausen T, Picco L. Development of pharmacy-based best practices to support safer use and management of prescription opioids based on an e-Delphi methodology. Res Social Adm Pharm. 2024 Sep 3:S1551-7411(24)00349-8. doi: 10.1016/j.sapharm.2024.09.001. Online ahead of print.

Book Chapters and Web-based Clinical Resources

1. **Binswanger I.** Opportunistic infection prophylaxis: latent tuberculosis infection. In: HIV Web Study. Spach, DH (Ed), 2004-11.
2. **Binswanger I.**, Elmore JG. Clinical care of incarcerated adults. In: Aronson MD Givens J (Eds), *UpToDate*. Wolters Kluwer. Available from www.UpToDate.com. 2007-24.
3. Kinner SA, **Binswanger IA.** Mortality after Release from Prison. In: Gerben Bruinsma and David Weisburd (Eds.) [Encyclopedia of Criminology and Criminal Justice](#). New York: Springer; 2013: 3157-67.
4. Hairston P, **Binswanger IA.** Addictions Treatment. [Oxford Textbook of Correctional Psychiatry](#). In: Trestman RL, Appelbaum KL, Metzner JL (Eds). Oxford University Press. 2015. New York. NY. Pp. 247-253.
5. **Binswanger IA**, Finlay A. Substance use and Consequences Among People Who Have Been Incarcerated: A Public Health Issue. In: Kinner S, Rich JD (Eds.) [Drug use in prisoners: Epidemiology, implications and policy responses](#). Oxford University Press; 2018. New York, NY.
6. **Binswanger IA**, Glanz JM, Ford M. Epidemiology: Opioid Use and Related Disorders. In: Kelly, John F., Wakeman, Sarah (Eds.) [Treating Opioid Addiction](#). Springer. 2019.

Reports and Other Publications

1. **Binswanger IA.** Chronic Medical Diseases Among Jail and Prison Inmates. [CorrDocs](#). 2010; 13(1):1, 10-11.
2. Hairston P, Morris CD, Morris CY, **Binswanger IA**, A Continuity of Care Model for the Justice Involved Population. A White Paper. Behavioral Health & Wellness Program, Aurora, CO. 2014.
3. **Binswanger IA**, Blatchford PJ Smiley-McDonald H, Ellis C. NDI-DCRP Data Linking Task Final Report. Prepared for Bureau of Justice Statistics, Department of Justice. September 2014.
4. **Binswanger IA**, Mueller S. Framework for Data Collections on Criminal Justice Health and Health Services. Prepared for Bureau of Justice Statistics, Department of Justice. November 2015.
5. Zeng Z, Noonan M, Carson EA, **Binswanger IA**, Blatchford PJ Smiley-McDonald H, Ellis C. Assessing Inmate Cause of Death: Deaths in Custody Reporting Program and National Death Index. Bureau of Justice Statistics, 2016, US Department of Justice, publication no. NCJ 249568.
6. **Binswanger IA**, Glanz JG. Syllabus for Opioid Use, Overdose and Public Health, Population Mental Health & Wellbeing. PMHW 6622. This course will discuss the physiologic and behavioral effects of opioid use and opioid use disorder, factors contributing to the modern opioid epidemic in the U.S., and diverse public health interventions and policy approaches to preventing harm from opioid use. Fall 2019.
7. Wenger LD, Showalter D, Wheeler E, Harris J, **Binswanger IA**, Lambdin B, Kral AH. A Primer for Implementation of Overdose Education and Naloxone Distribution in Jails and Prisons. RTI International. August 31, 2019. Available at: [A-primer-for-implementation-of-OEND-in-jails-and-prisons-Wenger-2019-RTI.pdf \(harmreduction.org\)](#)

Letters to the Editor

1. **Binswanger IA**, Wortzel H. Treatment for individuals with HIV/AIDS following release from prison: Letter to the Editor. [JAMA](#). 2009; 302(2):147.
2. **Binswanger IA**, Krueger P. Smoking in Jails. [New York Times](#). February 4, 2014.

Book Reviews

1. **Binswanger IA.** Book Review: Public Health Behind Bars: From Prisons to Communities. New England Journal of Medicine. 2008;358;18-19. DOI: 10.1056/NEJMbkmrev59300

Refereed Scientific Abstracts

Posters

1. **Binswanger IA,** Kral AH, Bluthenthal RN, Rybold DJ, Edlin BR. High Prevalence of Skin and Soft Tissue Infections among Community-Recruited Injection Drug Users in San Francisco. Infectious Diseases Society of America, 36th Annual Meeting. Poster. Abstracts p. 180. 1998.
2. **Binswanger IA,** Seligman H. Diarrhea in a Young Woman. Clinical Case Vignette Poster at Society of General Internal Medicine 26th Annual Meeting. Vancouver, Canada. 2003.
3. Takahashi TA, **Binswanger I,** Baernstein A, Bradley KA, Merrill JO. Predictors of Hospitalization for Injection Drug Users with Soft Tissue Infections. Poster at Society of General Internal Medicine 27th Annual Meeting. Poster. Chicago, IL. 2004.
4. **Binswanger IA,** Cowan JA. Firearms in Major Motion Pictures, 1995-2004. Poster at Society of General Internal Medicine 30th Annual Meeting. Toronto, Canada. 2007.
5. **Binswanger IA,** Merrill J, Krueger P, White M, Booth R, Elmore J. The Health of US Jail Inmates: Gender Differences in Chronic Medical Conditions, Psychiatric Disorders, and Substance Dependence. Society of General Internal Medicine 31st Annual Meeting. Pittsburg, PA: Journal of General Internal Medicine 2008: Vol. 23: Suppl 2; 413-4.
6. **Binswanger I,** Krueger P, Steiner J. Chronic Medical Conditions: How do Inmates Compare with the General Population? In: Society of General Internal Medicine 31st Annual Meeting. Pittsburg, PA: Journal of General Internal Medicine; 2008:265.
7. **Binswanger IA,** Merrill J, Krueger P, White M, Booth R, Elmore J. Gender Differences in Chronic Medical Conditions, Psychiatric Disorders and Substance Dependence among US Jail Inmates. College of Problems of Drug Dependence, Puerto Rico, June 2008.
8. Wortzel HS, **Binswanger IA,** Anderson CA, Adler L: Suicide Among Incarcerated Veterans. Platform Presentation, American Academy of Psychiatry and the Law 2008 Annual Meeting, October 25, 2008.
9. Belknap RK, Benton K, Gardner E, Hirsh J, O'Brien K, and **Binswanger I,** Tuberculosis Testing in Correctional Officers: a Survey Study of Jails. American Thoracic Society. San Diego. May 2009.
10. **Binswanger IA,** Blatchford J, Stein MF. Risk Factors for Death after Release from Prison. Society of General Internal Medicine Annual Meeting. Miami. May 2009.
11. **Binswanger IA,** O'Brien K, Benton KL, Gardner E, Hirsh J, Belknap R. Tuberculosis Testing in Correctional Officers: Results from a National Random Survey of Jails in the United States. Society of General Internal Medicine Annual Meeting. Miami. May 2009.
12. Calcaterra SL, **Binswanger IA.** Psychostimulants Involved in Death of Former Inmates. Society of General Internal Medicine Annual Meeting. Miami. May 2009.
13. **Binswanger IA.** "From the Prison Door to the Sidewalk, Everything Went Downhill," A Qualitative Study of Former Inmates. Annual Meeting of the Robert Wood Johnson Physician Faculty Scholars Program. San Diego. December 2009.
14. **Binswanger IA.** "From the Prison Door Right to the Sidewalk, Everything Went Downhill," A Qualitative Study of Former Inmates. Society of General Internal Medicine 33rd Annual Meeting. Minneapolis, MN: Journal of General Internal Medicine 2010: Vol. 25: Suppl 3; S282.

15. Loeb DF, Aagaard EM, **Binswanger IA**, Ellison MC, Lee RS. Documentaion of Sexual Histories in Two Internal Medicine Resident Clinics: Patient, Resident, and Visit Factors Associated with Documentation of Any Component of a Sexual History. Women’s Health Research Day. University of Colorado Denver. September 16, 2010.
16. **Binswanger IA**, Elder S, Felton S, Corsi KF, Booth RE. Health Care Utilization and Health Risk Behaviors of Drug Users in the Criminal Justice System. University of Colorado Denver 3rd Annual Global Health Symposium: HIV/AIDS at Home and Abroad. Aurora, CO. October 15, 2010.
17. **Binswanger IA**, Elder S, Felton S, Haffey PR, Corsi KF, Booth RE. Health Characteristics of Individuals Released from Prison: A Pilot Longitudinal Cohort Study. Poster at 4th Academic and Health Policy Conference on Correctional Health. Boston, MA. March 11, 2011.
18. Calcaterra S, **Binswanger IA**. Psychostimulant-Related Deaths as Reported by a Large National Database. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 4, 2011.
19. Adams J, Nowels C, Corsi KF, Long J, Steiner JF, **Binswanger IA**. HIV Risk After Release From Prison: A Qualitative Study of Former Inmates. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 4, 2011.
20. Loeb DF, Bayliss EA, Candrian C, **Binswanger IA**. Physician Perspectives on the Role of Mental Illness in the Care of Complex Patients – “It makes everything more difficult!” Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 4, 2011.
21. Ahalt C, **Binswanger IA** Steinmann M, Williams BA. Confined to Ignorance: The absence of prisoners from national health data. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 5, 2011.
22. Loeb DF, **Binswanger IA**, Candrian C, Bayliss EA. General Internist Conceptualization of the Complex Patient: A Qualitative Study. Society of General Internal Medicine 35th Annual Meeting. Orlando, Florida. May 11, 2012.
23. **Binswanger IA**, Beaty B, Min SJ, Mueller SR, Corsi KF. Gender Differences in Drug-Related and Sexual Risk Behaviors After Release From Prison. College on Problems of Drug Dependence. Palm Springs, California. June 11, 2012.
24. Hoffenberg A, Salomonsen-Sautel S, Shriver C, Min S, Corley R, Rhea S A, **Binswanger I**, Stallings M, Hewitt JK, Sakai J T, Hartman C, Crowley T J, Brown S, Hopfer C J. Adolescent Conduct and Substance Use Disorder Diagnoses Predict Premature Death in Early Adulthood. College on Problems of Drug Dependence. Palm Springs, California. June 11, 2012.
25. Calcaterra S, **Binswanger IA**. Substance Use and Health Care Utilization. AMERSA Annual Meeting. Bethesda, Maryland. November 1, 2012.
26. Ari M, Hirsh J, Beaty B, **Binswanger IA**. Limited Health Literacy is Common in Former Prison Inmates. 6th Academic and Health Policy Conference on Correctional Health. Chicago, MA. March 22, 2013.
27. Gaskin G, Glanz JM, **Binswanger IA**, Anoshiravani A. Detention as Intervention: Adolescent Vaccine Coverage among a Group of Detained Youth. 6th Academic and Health Policy Conference on Correctional Health. Chicago, MA. March 22, 2013.
28. Caverly T, Prochazka AV, Lucas BP, Mueller S, **Binswanger IA**, Kutner J, Combs B, Matlock D. Framing Effects Change Clinician Risk Perceptions More than Important Changes to a Risk’s Time-Frame and Outcome. Society of General Internal Medicine 36th Annual Meeting. Denver, CO. April 26, 2013.
29. **Binswanger IA**, Carson EA, Krueger P, Mueller S, Sabol W. Smoking-Attributable Mortality among State Prisoners in the United States: 2001-2009. Society of General Internal Medicine. 36th Annual Meeting. Denver, CO. April 24, 2013.
30. Calcaterra SL, **Binswanger IA**, Beaty B., The Role of Social Support in Drug and Alcohol Use among Former Prison Inmates. Society of General Internal Medicine 36th Annual Meeting. Denver, CO. April 25, 2013.

31. Ari M, Hirsh J, Beaty B, **Binswanger IA**. Limited Health Literacy is Common in Former Prison Inmates. Society of General Internal Medicine. 36th Annual Meeting. Denver, CO. April 25, 2013.
32. **Binswanger IA**, Beaty B, Mueller S, Corsi K, Min SJ. Overdose History and Willingness to Use Naloxone among Former Prison Inmates. Society of General Internal Medicine. 36th Annual Meeting. Denver, CO. April 26, 2013.
33. Gaskin G, Glanz JM, **Binswanger IA**, Anoshiravani A. Detention as Intervention: Adolescent Vaccine Coverage among a Group of Detained Youth. Pediatric Academic Societies. Washington DC. May 5, 2013.
34. Truesdale AE, Rowan SE, Durfee J, Keniston A, Davidson A, **Binswanger I**. High Prevalence of Homelessness Among HCV Seropositive in a Safety Net Hospital System. American Association for the Study of Liver Diseases and the European Association for the Study of the Liver co-sponsored program. New York City. Sept 11-12, 2014.
35. Frank M, Beaty B, Mueller S, Min SJ, **Binswanger IA**. Tobacco Use and Desire to Quit in People Recently Released from Prison. Scientific Abstract Poster Award Winner. Mountain West Regional SGIM Meeting. Denver, CO. October 10, 2014.
36. **Binswanger IA**, Raville L, Mueller S, Frank J, Koester S. "Let's talk about life": Empowering our community to prevent deaths from overdose. Engaging Communities in Education and Research. Vail, CO. September 26, 2014.
37. **Binswanger IA**, Maruschak L, Carson EA. Health and Health Care among Correctional Populations: Data Collection Efforts by the Bureau of Justice Statistics. National Commission on Correctional Health Care Annual Meeting. New Orleans. March 2015.
38. **Binswanger IA**, Koester S, Mueller S, Gardner EM, Goddard K, Glanz JM. Overdose Education and Naloxone for Patients on Chronic Opioids: A Qualitative Study of Patients prescribed Opioid Medications. Society of General Internal Medicine Annual Meeting. Toronto. April 22, 2015.
39. Loeb D, **Binswanger IA** et al., Predictors of Primary Care Physician Self-Efficacy in Caring for Patients with Mental Illness in a Team-Based Model. Society of General Internal Medicine Annual Meeting. Hollywood, FL. May 11, 2016.
40. Loeb D, **Binswanger IA**, et al., Development and Initial Validation of Scales to Measure Provider Self-Efficacy with Management of Chronic Illness, Mental Illness, and Team-Based Care. Society of General Internal Medicine Annual Meeting. Hollywood, FL. May 11, 2016.
41. Calcaterra S, Drabkin AD, Leslie SE, Doyle R, Koester S, Frank JW, Reich JA, **Binswanger IA**. "You are pulled in two different directions": The hospitalist perspective on opioid prescribing. Society of General Internal Medicine Annual Meeting. Hollywood, FL. May 12, 2016.
42. Joseph N, Hanratty R, Whitson V, Witte A, Krotchko J, **Binswanger IA**. Development and implementation of an opioid safety clinic in a federally qualified health center. Society of General Internal Medicine Annual Meeting. Hollywood, FL. May 12, 2016.
43. Kennedy LC, **Binswanger IA**, Mueller SR, Levy C, Matlock DD, Calcaterra S, Koester S, Frank JW. Changing standards and difficult conversations: provider perspectives on tapering long-term opioid therapy. UC Denver Palliative Care Days. November 8, 2016. Aurora, CO.
44. Fink R, Kline D, **Binswanger I**, Frank J, Mueller S, Fischer S. Patient Navigation to Enhance Pain Management and Opioid Safety in Cancer Patients and Family Caregivers. Denver Palliative Care Days. November 8, 2016. Aurora, CO.
45. **Binswanger IA**, Narwaney K, Ross C, Quintana L, Mueller S, Glanz JM. Methods to link electronic health record data from families and households for substance use research applications. Clinical Trials Network Annual Scientific Meeting. Bethesda, MD. March 22, 2017.
46. SL Calcaterra, S Scarbro, M Hull, **IA Binswanger**, KL Colborn, Using Machine Learning to Predict Future Chronic Opioid Use among Hospitalized Patients. Society of General Internal Medicine Annual Meeting. Washington DC. April 2017.

47. SL Calcaterra, AD Drabkin, R Doyle, SE Leslie, JA Reich, **IA Binswanger**, JW Frank, S Koester. "We Were Incentivized to Keep People Happy": A Qualitative Study of Hospitalist Perceptions of Patient Satisfaction Metrics on Pain Management. Society of General Internal Medicine Annual Meeting. Washington DC. April 2017.
48. Kennedy LC, **Binswanger IA**, Mueller SR, Levy C, Matlock DD, Calcaterra S, Koester S, Frank JW. BARRIERS AND STRATEGIES FOR TAPERING LONG-TERM OPIOID MEDICATIONS: A QUALITATIVE STUDY OF PRIMARY CARE PROVIDER EXPERIENCES. Society of General Internal Medicine Annual Meeting. Washington DC. April 2017.
 49. Finlay A, Timko C, **Binswanger I**, Yu M, Sardarian S, Bowe T, Harris A. Facility-level changes in receipt of pharmacotherapy for opioid use disorder among veterans from fiscal years 2015-2016. Annual Research Meeting of AcademyHealth. Seattle, WA. June 2018.
 50. Rinehart D, Leslie SE, Stowell M, Thomas-Gale T, **Binswanger I**. Developing a Peer-Led Sexual Health Navigation Intervention for Women in Opioid Medication-Assisted Treatment. Annual Research Meeting of AcademyHealth. Seattle, WA. June 2018.
51. **Binswanger IA**, Narwaney KJ, Faul F, Shoup, JA, Glanz JM. The Association Between Opioid Prescribing and Heroin Overdose: A Matched Case-Control Study. Society of General Internal Medicine Annual Meeting. Journal of General Internal Medicine. April 2018, Volume 33, Supplement 2, pp 353-4.
52. Loeb DF, Monson SP, Bayliss EA, Ludman E, Nease DE, **Binswanger IA**, Kline DM, Good DG, deGruy FV Piloting and iterative development of a tailored practice facilitation strategy to improve primary care provider management of mental illness within a team-based model. Journal of General Internal Medicine. April 2018, Volume 33, Supplement 2, pp 290-291.
53. **Binswanger IA**, Narwaney KJ, Glanz JM. Opioid tapering and discontinuation patterns in a large Colorado health system: 2012-2016. College of Problems on Drug Dependence. San Diego, CA. June 11, 2018.
54. Glanz JM, Narwaney KJ, Wain KF, Sterrett AT, Mueller SR, Quintana LM, **Binswanger IA**. Use of automated data to study trends in heroin and pharmaceutical opioid overdoses in a large health system: 2006-2015. College of Problems on Drug Dependence. San Diego, CA. June 11, 2018.
55. Derington CG, Mueller SR, Wain KF, Glanz JM, Binswanger IA. Identifying inpatient and out-of-hospital naloxone administrations in electronic health record data. In: Gordon AJ. AMERSA's 42nd annual meeting: highlights, abstracts and awards, and an appreciation to our peer reviewers. *Substance Abuse* 2019;40(1):2-3 (Supp 2, page 29-30). PMID: 33180808.
56. Mueller SR, Glanz JM, Koester S, Nguyen AP, **Binswanger IA**. A Qualitative Study of Patients Who Overdosed in the Current Environment of Restrictive Opioid Prescribing Policies. 2019 Society of General Internal Medicine Annual Meeting. May 8-11, 2019. Washington DC.
57. **Binswanger IA**, Xu S., Narwaney K, Shetterly S., Shoup JA, Lyden J, Glanz JM, Factors Associated with Opioid Discontinuation in Chronic Opioid Therapy. 2019 Society of General Internal Medicine Annual Meeting. May 8-11, 2019. Washington DC.
58. Finlay, A. K., Morse, E., Timko, C., Harris, A. H. S., Smelson, D., Stimmel, M., Sardarian, S., Taylor, E., Yu, M., Salam, L., & **Binswanger, I**. Access to pharmacotherapy for opioid use disorder among justice-involved veterans: Qualitative perspectives from key stakeholders. 2019 Annual Research meeting of AcademyHealth, June 2019. Washington, DC.
59. Clemensen S, Morse E, Ross C, Xu S, Babbar S, Clune H, Wisneski L, de Picciotto M, Binswanger I. Motivations, Beliefs and Use of Complementary and Alternative Medical Modalities for Acute Painful Conditions. American Academy of Medical Acupuncture. Phoenix AZ. April 2019.
60. Morse E, Ross C, Xu S, Babbar S., Clemensen S, Clune H, Wisneski L, de Picciotto M, Binswanger I. Understanding Motivations for and Use of Complementary and Alternative Medical Modalities for Acute

Painful Conditions Using Electronic Health Record and Survey Data. Society of General Internal Medicine Annual Meeting. Washington DC. May 9, 2019.

61. Mueller SR, Glanz JM, Koester S, Nguyen AP, Stowell M, **Binswanger IA**. A qualitative study of factors and circumstances contributing to unintentional opioid overdose among patients in a Colorado health system. AMERSA. Boston, MA. November 7, 2019
62. Metz, **Binswanger IA**, McMillin, GA, Allshouse, AA, Heard, K, Jensen, TL, Wymore, E, Stickrath, EH, Conageski, C, Kinney, GL, Silver, RM. Measurement of prenatal marijuana use with bioassays and survey data. 40th Annual Pregnancy Meeting™ at the Gaylord Texan Resort and Conference Center in August 5, 2019. Grapevine, Texas.
63. Finlay, A. K., Frayne, S., **Binswanger, I.**, Yu, M., Tsai, J., Hagedorn, H., Hoggatt, K., Taylor, E., & Harris, A. H. S. Quality of behavioral health care among veterans with and without justice-involvement. Paper to be presented at the 13th Academic & Health Policy Conference on Correctional Health, April 2020. Raleigh, NC.
64. **Binswanger IA**, Shetterly SM, Xu S, Narwaney KJ, McClure DL, Rinehart DJ, Nguyen AP, Glanz JM. Associations Between Opioid Dose Trajectories and Substance-Related Outcomes. Poster presented at the 2022 AMERSA national meeting. November 10, 2022. Boston MA.
65. Barrow J, **Binswanger IA**, Albers K, Bechtel L, Bedoy R, Duckro A, Glanz J, Gozansky W, Kraus C, Plata A, Steiner C. Research-Operations Partnership to Respond to Emerging Questions about COVID-19 and Testing. Health Care Systems Research Network Annual Meeting. Denver, CO. February 21, 2023.
66. Finlay, A. K., Frayne, S., **Binswanger, I. A.**, Yu, M., Taylor, E., Tsai, J., Hagedorn, H., Hoggatt, K., & Harris, A. H. S. Quality of infectious disease screening among veterans with legal involvement. 16th Academic and Health Policy Conference on Correctional Health, Raleigh, NC. April 2023.
67. **Binswanger I**, Barrow J, Bechtel L, Bruxvoort K, Glanz J, Kraus C, Lam J, Lyons J, Narwaney K, Palmer-Toy D. Symptoms Consistent with Post-acute Sequelae of COVID-19 (PASC) in Two Health Systems. Poster presented at the Society for General Internal Medicine Annual Meeting. May 11, 2023. Aurora CO.
68. *Shoup, JA, Welter, J, **Binswanger, IA**, Hess, F, Dullenkopf, A, MD, Coker, J, Berliner, J. Spinal cord injury and prescribed opioids for pain: A scoping review. Poster presented at the Society of General Internal Medicine Conference, May 10-13, 2023, Aurora, CO.
69. *Nguyen AP, **Binswanger IA**, Narwaney KJ, Xu S, McClure DL, Rinehart DJ, Glanz JM. Evaluating Changes in Prescribing of Opioid Analgesics and Buprenorphine for Opioid Use Disorder Before and During the COVID-19 Pandemic. Poster presented at: Annual Scientific Meeting of the College on Problems of Drug Dependence. 2023 June 17-21; Denver, CO.
70. *Pytell JP, Rinehart D, Gilbert A, **Binswanger I**, Huebschmann AG. Bringing measurement-based opioid use disorder care to resource-limited primary care settings: A contextual analysis. Poster presented at Academy Health. 2023. Dec 10-13; Arlington, VA.
71. Morris MA, Ritger C, Gleason K, Blair I, Binswanger I, Hanratty R, Ford M, Daugherty S. Structural Conditions Affecting Health and Healthcare Access after Release from Prison: Qualitative Findings from the SCHARP Study. Poster presentation at *AcademyHealth Annual Research Meeting* in Baltimore, MD. June 2024.
72. Ritger C, Daugherty S, Gleason K, Blair I, Ford M, Hanratty R, Binswanger I, Morris MA. Structural Conditions and Healthcare Access After Release from Prison: A Qualitative Case Study. Poster presentation at *Colorado Pragmatic Research in Health Conference (COPRH Con)* in Aurora, CO. June 2024.

Refereed Oral Presentations at Scientific Meetings

1. Seligman H, **Binswanger IA**. Oral clinical vignette presentation: "Avascular Necrosis of the Hip: Not all Pain in the Knee is Knee Pain." Society of General Internal Medicine Annual Meeting, Atlanta, GA. May 3, 2002.
2. **Binswanger IA**. Oral presentation: "Reflections on Medicine and Corrections." National Institute of Justice Noon Conference, Washington, D.C. September 22, 2004.
3. **Binswanger IA**. Oral works-in-progress presentation, "Mortality among Released Prisoners." Society of General Internal Medicine Northwest Regional Meeting, Vancouver, WA. March 11, 2005.
4. **Binswanger IA**, Deyo RA, Koepsell TD, Stern MF. Plenary oral presentation: "Mortality Following Release from Prison: A High-Risk Time for Death?" Robert Wood Johnson Clinical Scholars Program National Conference. Tuscon, AZ.
5. **Binswanger IA**, Stern, MF. "Death rates after Release from Prison," to the Leadership Committee of the State of Washington Department of Corrections. Tumwater, WA.
6. **Binswanger IA**, Stern MF, Deyo RA, Heagarty P, Cheadle A, Elmore JG, Koepsell TD. Plenary oral presentation: "Release from Prison: A High-Risk Time for Death." 29th Annual Society of General Internal Medicine National Meeting. Los Angeles, CA.
7. **Binswanger IA**, Stern MF. "The high risk of death after release from prison: death rates, risk factors, and strategies to reduce the risk." Academic and Health Policy Conference on Correctional Health Care. Quincy, MA. March 30, 2007.
8. **Binswanger IA**, Takahashi TA, Bradley K, Dellit TH, Benton K, Merrill JO. Risk of Hospitalizations and Death among Injection Drug Users Seeking Care for Soft Tissue Infections, Society of General Internal Medicine 30th Annual Meeting. Toronto, April 27, 2007.
9. Lincoln T, Hayfron-Benjamin C **Binswanger IA**, Poshkus M, Kent C. Screening tests at intake: the evidence as it is, and what to do until it improves. National Conference on Correctional Health Care. Nashville, TN. October 16, 2007.
10. **Binswanger IA**. Improving health outcomes during the transition from prison to the community. Annual Meeting of the Robert Wood Johnson Physician Faculty Scholars Program. Fort Lauderdale, FL. December 4, 2008.
11. **Binswanger I**, Nowels C, Corsi K, Booth RE, Steiner JE. Health Needs of Former Inmates: A Qualitative Study. Society of General Internal Medicine Mountain West Regional Meeting, September 11, 2009, Denver, CO.
12. **Binswanger I**, Nowels C, Corsi K, Booth RE, Steiner JE. Health Needs of Former Inmates: A Qualitative Study. Academic & Health Policy Conference on Correctional Health. Fort Lauderdale. December 2009.
13. **Binswanger IA**, Nowels C, Corsi K, Long J, Kutner J, Booth RE, Steiner JE. Return to Drug Use and Overdose After Release from Prison: A Qualitative Study. American Medical Education and Research in Substance Abuse Annual Meeting. Bethesda. November 6, 2010.
14. Lim S, Seligson AL, Parvez F, Luther C, Mavinkurve M, **Binswanger I**, Kerker B. Risk of suicide, homicide, and drug-related death in the immediate post-release period among individuals released from New York City jails, 2001-05. American Public Health Association Annual Meeting, Denver. November 8, 2010.
15. Lindsay RG, Blatchford P, Stern MF, Syme L, **Binswanger IA**, Release from prison: Examining risk factors for death among former prisoners. American Public Health Association Annual Meeting, Denver. November 8, 2010.
16. **Binswanger IA**. Improving Health Outcomes During the Transition from Prison to the Community. Robert Wood Johnson Physician Faculty Scholars Program Annual Meeting, Fort Lauderdale, FL. December 8, 2010.

17. **Binswanger IA**, Blatchford PJ, Forsyth S, Stern MF, Kinner SA. Death Related to Infectious Disease in Ex-prisoners: An International Comparative Study. 4th Academic and Health Policy Conference on Correctional Health. Boston, MA. March 10, 2011.
18. **Binswanger IA**, Blatchford PJ, Yamashita TE, Stern MF. Drug-Related Risk Factors for Death after Release from Prison: A Nested Case Control Study. 4th Academic and Health Policy Conference on Correctional Health. Boston, MA. March 10, 2011.
19. Williams BA, Blatchford PJ, Stern MF, **Binswanger IA**. The Mortality Risk for Older Adults Released from Prison. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 5, 2011.
20. **Binswanger IA**, Blatchford PJ, Yamashita TE, Stern MF. Drug-Related Risk Factors for Death after Release from Prison: A Nested Case Control Study. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 6, 2011.
21. **Binswanger IA**. Workshop Presentation in “Prisoners as patients: academic, corrections, and community health partnerships” entitled Using Large Datasets to Conduct Correctional Health Research. Society of General Internal Medicine 34th Annual Meeting. Phoenix, Arizona. May 6, 2011.
22. **Binswanger IA**. Improving Health Outcomes During the Transition from Prison to the Community: A Pilot Patient Navigation Study. Robert Wood Johnson Physician Faculty Scholars Program Annual Meeting. San Diego. November 30, 2011.
23. Anoshiravani, A, Glanz JM, **Binswanger IA**. HPV Vaccination in Juvenile Justice Settings. Academic & Health Policy Conference on Correctional Health. Atlanta. March 23, 2012.
24. **Binswanger IA**, Whitley E, Haffey PR, Mueller S, Min SJ. Patient Navigation for Former Prison Inmates: A Pilot Randomized Controlled Trial. Society of General Internal Medicine 35th Annual Meeting. Orlando, Florida. May 12, 2012.
25. Calcaterra S, **Binswanger IA**. Comparative Overdose Death Rates between Illicit and Prescribed Substances. Society of General Internal Medicine 35th Annual Meeting. Orlando, Florida. May 12, 2012.
26. **Binswanger IA**, Beaty B, Mueller S, Min SJ, Corsi KF. Gender Differences in Drug-Related and Sexual Risk Behaviors After Release from Prison. AMERSA. Bethesda, Maryland. November 3, 2012.
27. **Binswanger IA**, Blatchford PJ, Yamashita TE, Mueller S, Stern MF. Trends in Mortality Rates After Release from Prison in Washington State: 1999-2009. 6th Academic and Health Policy Conference on Correctional Health. Chicago, MA. March 21, 2013.
28. **Binswanger IA**, Carson EA, Krueger P, Mueller S, Sabol W. Smoking-Attributable Mortality among State Prisoners in the United States: 2001-2009. 6th Academic and Health Policy Conference on Correctional Health. Chicago, MA. March 21, 2013.
29. Wakemann SE, **Binswanger IA**, Fox A, Walley AY, Wang E. Patient-Centered Care for Recently Released Prisoners. Society of General Internal Medicine 36th Annual Meeting. Denver, CO. April 26, 2013.
30. Caverly T, Prochazka AV, Lucas BP, Mueller S, **Binswanger IA**, Kutner J, Combs B, Matlock D. Clinicians and Numbers: Usability and Validity of a Measure of Critical Risk Interpretation (CRIT). Society of General Internal Medicine 36th Annual Meeting. Denver, CO. April 26, 2013.
31. Loeb D, Bayliss E, Candrian C, deGruy F, **Binswanger IA**. Treating Complex Patients in Primary Care: Physicians Offer a New View of Competing Demands. Society of General Internal Medicine 36th Annual Meeting. Denver, CO. April 27, 2013.
32. **Binswanger IA**, Blatchford PJ, Mueller S, Stern MF. Trends in overdose deaths after release from state prison, 1999-2009. College of Problems on Drug Dependence. San Diego, CA. June 20, 2013.

33. Maruschak L, **Binswanger I**, Carson EA. "Developing a periodic BJS data collection to on infectious disease prevalence and related health services." American Correctional Association National Meeting. ¹, August 10, 2013.
34. Kinner, SA, **Binswanger I**, Forsyth S, Preen D. "Establishing a global distributed data network to study correctional and post-release health outcomes." Academic and Health Policy Conference on Correctional Health. Houston, TX. March 20, 2014.
35. **Binswanger I**. "Developing a Framework for National Data Collection on the Health of Criminal Justice Populations." Academic and Health Policy Conference on Correctional Health. Houston, TX. March 20, 2014.
36. Finlay, A. K., McGuire, J., Rosenthal, J., Blue-Howells, J., **Binswanger, I.**, Blodgett, J. C., Bowe, T., Harris, A. H. S., Asch, S., & Frayne, S. Women justice-involved Veterans: Mental health and substance use disorders. Presentation at the Gender & Health Interest Group Meeting, Annual Meeting of AcademyHealth, San Diego, CA. June 2014.
37. Finlay, A. K., Smelson, D., Sawh, L., Timko, C., McGuire, J., Rosenthal, J., Blue-Howells, J., Clark, S. C., **Binswanger, I.**, Bowe, T., Stimmel, M., Frayne, S., & Harris, A. S. H. Justice-involved Veterans: Mental health and substance use disorder conditions and utilization of care after prison incarceration. Paper accepted for presentation at the annual meeting of the American Society on Criminology, San Francisco, CA. November 2014.
38. **Binswanger IA**, Raville L, Mueller S, Frank J, Koester S. "Let's talk about life": Empowering our community to prevent deaths from overdose. 2014 Public Health in the Rockies Conference. Fort Collins, CO. September 17, 2014.
39. Calcaterra S, Yamashita T, Min SJ, Keniston A, **Binswanger I**, The Role of the Hospital-Based Physician in Long Term Opioid Use. AMERSA. San Francisco, CA. November 6, 2014.
40. **Binswanger IA**, Koester S, Mueller S, Gardner EM, Goddard K, Glanz JM. Overdose Education and Naloxone for Patients on Chronic Opioids: A Qualitative Study of Medical Staff AMERSA. San Francisco, CA. November 7, 2014.
41. **Binswanger IA**, Gardner EM, Gabella B, Broderick K, Glanz JM. Development of Case Criteria to Define Pharmaceutical Opioid and Heroin Overdoses in Clinical Records. AMERSA. San Francisco, CA. November 7, 2014.
42. Finlay AK, **Binswanger I**, Harris AHS, Frayne S. Gender differences in diagnosis and treatment access among justice-involved veterans. Presentation at the 8th Academic and Health Policy Conference on Correctional Health, Boston, MA. March 19, 2015.
43. Finlay AK, **Binswanger I**, Frayne SM, Harris AHS. Receipt of pharmacotherapy for opioid use disorder: Comparing justice-involved veterans with other veterans. Presentation at the 8th Academic and Health Policy Conference on Correctional Health, Boston, MA. March 19, 2015.
44. Maruschak L, Golinelli D, **Binswanger I**. Health and health care among correctional populations: recent findings and data collection efforts. Presentation at the 8th Academic and Health Policy Conference on Correctional Health, Boston, MA. March 20 2015.
45. Frank JW, Mellis K, Calcaterra SL, Koester S, Matlock D, Levy C, **Binswanger IA**. Patients' Perspectives on Tapering of Chronic Opioid Therapy. Society of General Internal Medicine Annual Meeting. Toronto. April 24, 2015.
46. Calcaterra SL, Yamashita TW, Keniston A, Frank JW, **Binswanger IA**. Patients' Perspectives on Tapering of Chronic Opioid Therapy. Society of General Internal Medicine Annual Meeting. Toronto. April 24, 2015.
47. Frank JM, **Binswanger IA**, Calcaterra SL, Levy C. Non-Medical use of prescription opioids and Emergency Department Utilization: Results of a National Survey. Society of General Internal Medicine Annual Meeting. Toronto. April 23, 2015.

48. Gordon, AJ, **Binswanger IA**, Pugatch M. Workshop: Reviewing the Review: Practical Tips to Make a Manuscript or Grant Review Work for You. AMERSA. Washington, D.C. November 7, 2015.
49. Narwaney K, Glanz JM, Mueller S, Xu S, Gardner EM, Frank JW, Breslin K, **Binswanger IA**, Development of a Prediction Model for Two-Year Risk of Opioid Overdose among Patients Prescribed Chronic Opioid Therapy. Society of General Internal Medicine Annual Meeting. Hollywood, FL. May 13, 2016.
50. **Binswanger I**, Glanz JM, Narwaney K, Mueller S, Xu S, Gardner EM. A Prediction Model for Opioid Overdose Among Patients Prescribed Chronic Opioid Therapy. Addiction Health Services Research annual meeting. Seattle, WA. October 14, 2016.
51. Wenger LD, Showalter D, Lopez AM, Wheeler E, **Binswanger I**, Lambdin B, Kral AH. Overdose Prevention and Naloxone Distribution in Criminal Justice Settings: The NEXT Study. 11th National Harm Reduction Conference, November 5, 2016. San Diego, CA.
52. **Binswanger, IA**. The Association between Medical Comorbidity and HEDIS Treatment Initiation for Alcohol and other Drug Use Disorders: A NIDA CTN Study. Addiction Health Services Research 2017. October 19, 2017. Madison, WI.
53. **Binswanger IA**, Morenoff J, Nguyen A, Harding D. Understanding the Risk of Overdose Death Among Individuals with a Felony Conviction in Michigan. Academic and Health Policy in Correctional Health Care Conference. March 22, 2017, Houston, TX.
54. Torri D. Metz, Robert M. Silver, Gwendolyn A. McMillin, Amanda A. Allshouse, Chanel Mansfield, Kennon Heard, Gregory L. Kinney, Erica Wymore, **Ingrid A. Binswanger**. Maternal marijuana exposure by self-report and umbilical cord sampling in a state with legalization. Society for Maternal-Fetal Medicine. Dallas, TX.
55. Morse E, Ross C, Xu S, Babbar S, Clemensen S, Clune H, Wisneski L, de Picciotto M, **Binswanger I**. Exploring Complementary and Integrative Approaches for Acute Pain in a Large Health System in Colorado. Congressional Briefing Introduction presented by Margaret Chesney at the Integrative Health and Wellness Caucus. Washington DC. March 2019.
56. Glanz JM, Xu S, Shetterly S, Narwaney KJ, **Binswanger IA**. Opioid dose variability and discontinuation and heroin use in a large Colorado health system. Society of General Internal Medicine Annual Meeting. Washington DC. May 10, 2019.
57. Finlay, A. K., Morse, E., Adams, S., Blue-Howells, J., Timko, C., Harris, A. H. S., Smelson, D., Stimmel, M., Sardarian, S., Yu, M., & **Binswanger, I**. *Access to pharmacotherapy for opioid use disorder among justice-involved veterans: Quantitative and qualitative perspectives*. Seminar at the 12th Academic and Health Policy Conference on Correctional Health, Las Vegas, NV. March 2019.
58. **Binswanger IA** and Maruschak L. Correctional Health Data Collections: Recent Findings and a Framework for Identifying a Set for Core Health Indicators. 12th Academic and Health Policy Conference on Correctional Health, Las Vegas, NV. March 21, 2019.
59. Mueller SR, Glanz JM, Kraus C, Wagner NM, **Binswanger IA**. Development of an online intervention to prevent opioid initiation and expand access to naloxone for adolescents at high risk for developing an opioid use disorder. Second Annual NIH HEAL Initiative Investigator Meeting. May 2021. Virtual.
60. Lapham G, **Binswanger IA**, Wright E. Methods, Degree and Implications of Capturing Medical Marijuana Use within Electronic Records. Health Care Systems Research Network Annual Meeting. April 12, 2022.
61. Glanz JG, Narwaney K, Mueller S., Wagner N, Kraus C, **Binswanger IA**. A targeted web-based intervention to provide overdose prevention education and increase naloxone uptake among patients prescribed opioids: A randomized pragmatic trial of the Naloxone Navigator. Oral presentation at the 2022 AMERSA national meeting. November 10, 2022. Boston MA.

62. Glanz J, Xu S, Narwaney K, Ford M, Nguyen A, **Binswanger I**. Opioid Dose Reductions and Overdose Risk: A Multisite Cohort Study. Health Care Systems Research Network Annual Meeting. February 23, 2023. Denver CO.
63. Narwaney K, **Binswanger I**, Mueller S, Fairbairn L, Gathright S, Lagrotteria J, Harris A, Glanz J. The Development, Implementation and Evaluation of a Medication Health Center to Promote Opioid Safety. Health Care Systems Network Annual Meeting. February 23, 2023. Denver CO.
64. **Binswanger I**, Barrow J, Bechtel L, Bruxvoort K, Glanz J, Kraus C, Lam J, Lyons J, Narwaney K, Palmer-Toy D. Symptoms Consistent with Post-acute Sequelae of COVID-19 (PASC) in Two Health Systems. Health Care Systems Research Network Annual Meeting. February 23, 2023. Denver CO.
65. **Binswanger I**, Barrow J, Albers K, Bechtel L, Glanz J, Kraus C, Narwaney K, Shoup JA, Steiner C. The association between antibodies to SARS-CoV-2 and reinfection in Colorado: a prospective cohort study. Talk at the Society for General Internal Medicine Annual Meeting, Aurora CO. May 13, 2023.
66. Pytell J, Christine P, Matlock D, **Binswanger I**. Systematic Review of Patient-Reported Outcome Measures for Opioid Use Disorder Recovery: Insights for Primary Care. Society for General Internal Medicine Mountain West Regional Meeting. Aurora, CO. October 6, 2023.
67. Nguyen AP, Glanz JM, Campbell CI, Xu S, Loree AM, **Binswanger IA**. Leveraging Data Linkages to Investigate Health Insurance Instability and Mortality among Patients Receiving Medications for Opioid Use Disorder. AHSR. New York, NY. October 20, 2023.
68. Nguyen AP, Binswanger I, Goodrich G, Campbell C, Xu S, Loree A, Glanz J. "Instability of Insurance Coverage in Patients on Buprenorphine and Naltrexone for Opioid Use Disorder: Evidence from 3 US Health Systems" CPDD 2024 Scientific Meeting. Montreal, Canada. June 19, 2024.