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Education

2004 Washington University School of Medicine, MA, Psychiatric Epidemiology
2002 University of Colorado-Denver, Ph.D., Health and Behavioral Sciences
1995 University of Colorado-Denver, MA, Anthropology
1989 Westminster College, BA, Sociology/Anthropology & Psychology

Professional Experience

2014– Present Associate Professor, Case Western Reserve University, Department of Anthropology
2008–2014 Assistant Professor, Case Western Reserve University, Department of Anthropology
2005–2008 Research Instructor, Washington University School of Medicine, Department of Psychiatry
2002–2005 Postdoctoral Fellow, National Institutes of Health, National Institute on Drug Abuse, Washington University School of Medicine, Department of Psychiatry
1999–2002 Pre-doctoral Research Fellow, National Research Service Award (F31), National Institutes of Health, National Institute of Drug Abuse, University of Colorado Health Sciences Center, Department of Psychiatry
1996–1999 Senior Professional Research Assistant, University of Colorado Health Sciences Center
1994–1996 Project Manager, University of Colorado Health Sciences Center
1991 Visiting Research Technician, Prince of Wales Hospital, Department of Psychiatry, Randwick, New South Wales, Australia
1989–1994 Research Technician, University of Colorado Health Sciences Center

Research Funding

Federal Research Grants

2019–2021 Optimizing Healing in Ohio Communities (OHIO), National Institute on Drug Abuse – HEALing Committees Study, Cleveland, OH, Co-Investigator, \$65.9 million, (PI: Jackson, Rebecca) *Active*
2009–2016 Researching the Social Dynamics of a Local Methamphetamine Market, National Institutes of Health, National Institute on Drug Abuse–DA025163, Principal Investigator, \$1.6 million, *Completed*.
2008–2012 Merging Agent-based Modeling Techniques & Ethnography: A New Analytic Tool for Studying Illicit Drug Use Behaviors, Markets and Economies, National Science Foundation, Cultural Anthropology & Methods, Measurement, and Statistics –BCS-0724320, Principal Investigator, \$197,042, *Completed*

- 2005–2008 Evaluating the Social Structure of a Local Heroin Market, National Institutes of Health, National Institute on Drug Abuse–DA019476, Principal Investigator, \$343,900, *Completed*
- 2004–2008 Enrolling and Retaining Female Offenders in HIV Trials, National Institutes of Health National Institute of Nursing Research–NR09180, Co-investigator (PI: Cottler, L), \$2.4 million, *Completed*
- 2000–2001 A Heroin Dealing Network: Asymmetric Power and HIV Risk, National Institutes of Health, National Institute on Drug Abuse, F1-DA06016, Project Director (PI: Koester, S.K., Sponsor), \$49,638, *Completed*

Contracts & Other Funding

- 2018–2019 Ohio Opioid Analytics Project, Ohio Colleges of Medicine – Government Resource Center, Ohio Department of Medicaid, Co-investigator (PI: Nock, N., SOM), \$50,000, *Completed*
- 2018–2019 The Community-based Illegal Drug Demand Surveillance System (CIDDS): Pilot Study, CWRU, VPR Catalyst Award, Principal Investigator, \$16,404, *Completed*
- 2018–2019 Cuyahoga County Ohio Hotspot Study: Qualitative Sub-Study, National Institute on Drug Abuse, National Drug Early Warning System – NDEWS, (PI: E. Wish), U. of Maryland, \$19,775, *Completed*
- 2011–2018 A Process Assessment of the Free Clinic of Greater Cleveland’s Syringe Exchange Program, RES120449, AFC-AIDS Funding Collaborative, Principal Investigator, \$17,676, *Completed*
- 2009–2010 College Stimulus Fund for Faculty Research, Scholarship, Case Western Reserve University, Principal Investigator, \$1000, *Completed*

Publications

Books

- 2006 Junkie Business: The Evolution and Operation of a Heroin Dealing Network Thomson Wadsworth Publishing: Belmont, CA
- 2017 (In Preparation) The Indivisible Market: The Modern Structure of Local Heroin Distribution contract discussion with Cornell University Press: Ithaca, NY

Peer-Reviewed Publications

- 2019 Bobashev G, Hoffer L, Lamy F. Complexity of Opioid and Other Drug Use Epidemics. (In) Apostolopoulos, Y., Lich K.H., and Lemke M.K., (Eds.): *Complex Systems and Population Health: A Primer*, Oxford University Press. (Accepted, In Press)
- 2019 Hoffer L. The Fuzzy Boundaries of Illegal Drug Markets and Why They Matter. (In) Pickard H., Ahmed S. (Eds.): *The Routledge Handbook of Philosophy and Science of Addiction*. Routledge Taylor & Francis Group, New York ISBN-13: 978-1138909281

- 2019 Hoffer L, Schlosser A.V., Nassani S., Brokering and Local Illegal Drug Market Dynamics, *International Journal of Drug Policy*, (In Preparation)
- 2018 Bobashev G, Tebbe K, Peiper N, Hoffer L. Polydrug Use Among Heroin Users in Cleveland, OH. *Drug and Alcohol Dependence*, (192) 80-87.
- 2017 Flynn K, Hoffer L. Transitioning Illicit Drug Preferences and Emerging User Identities in Ohio: The Proliferation of Methamphetamine Use among African-Americans. *Journal of Ethnicity in Substance Abuse*, 0: 0 Page: 1-22. DOI: 10.1080/15332640.2017.1325809
- 2017 McKay V, Dolcini M.M., Hoffer L. The Dynamics of De-adoption: a case study of policy change, de-adoption, and replacement of an evidence-based HIV intervention. *Behav. Med. Pract. Policy Res.* (2017). doi:10.1007/s13142-017-0493-1
- 2016 Hoffer L. The Space Between Community and Self-Interest: Conflict and the Experience of Exchange in Heroin Markets. *The Economics of Ecology, Exchange, and Adaptation: Anthropological Explorations Research in Economic Anthropology*. (36) 167-196 ISSN: 0190-1281/doi:10.1108/S0190-128120160000036007
- 2015 Varma DS, Hoffer L, Cottler L. Exploring the feasibility to quantify prescription drug misuse and abuse: Focus group findings. *Drug and alcohol dependence*. Nov. 01; 156: e229-e230.
- 2014 Bobashev G., Solano E., Hoffer L. An Agent-based Model to Support Measuring Drug Choice and Switch Between Drug Types in Rural Populations. *The Sixth International Conference on Advances in Systems Science Proceedings. Best Paper Award.*
- 2013 Hoffer LD., Alam SJ. “Copping” in Heroin Markets: The Hidden Information Costs of Indirect Sales and Why They Matter. (In Greenberg A.M., Kennedy W.G., Bos N. (Eds.): *Social Computing, Behavioral-Cultural Modeling and Prediction - 6th International Conference, SBP 2013*, Washington, DC. Proceedings. Lecture Notes in Computer Science 7812 Springer 2013, ISBN 978-3-642-37209-4
- 2013 Hoffer LD. Unreal Models of Real Behavior: The Agent-Based Modeling Experience. *Practicing Anthropology* 35(1):19-23
- 2012 Schlosser AV, Hoffer LD. The Psychotropic Self/Imaginary: Subjectivity and Psychopharmaceutical Use Among Heroin Users with Co-Occurring Mental Illness. *Culture, Medicine and Psychiatry* 1(35): DOI: 10.1007/s11013-011-9244-9.
- 2012 Hoffer LD, Bobashev G, and Morris RJ. Simulating Patterns of Heroin Addiction within the Social Context of a Local Heroin Market. (In *Computational Neuroscience of Drug Addiction*. Gutkin & Ahmed (Eds.) New York: Springer.
- 2011 Shacham E, Hoffer LD, and Overton ET. Perceptions of Alcohol Risk Among Individuals Living with HIV. *AIDS Care* 22(1):107-112.
- 2009 Hoffer LD, Bobashev G, and Morris RJ. Researching a Local Heroin Market as a Complex Adaptive System. *American Journal of Community Psychology* 44:273–286.
- 2009 Bobashev GV, Morris RJ, Zule WA, Borshchev AV, and Hoffer LD. The Use of

- Agent-based Modeling in Projecting Risk Factors into the Future. In Liu, H, Salerno, JJ, Young, MJ (Eds.) Social Computing and Behavioral Modeling. New York: Springer Science+Business Media.
- 2006 Hoffer LD. Something Dangerous: Emergent and Changing Illicit Drug Use and Community Health. *Medical Anthropology Quarterly*, 20: 266–268. doi: 10.1525/maq.2006.20.2.266
- 1999 Clatts MC, Heimer R, Abdala N, Goldsamt LA, Sotheran JL, Anderson KT, Gallo TM, Hoffer LD, Luciano PA, and Kyriakides T. HIV-1 Transmission in Injection Paraphernalia: Heating Drug Solutions May Inactivate HIV-1. *Journal of Acquired Immune Deficiency Syndromes (JAIDS)* 22(2):194-9.
- 1999 Koester SK, Anderson KT, and Hoffer LD. Active Heroin Injectors' Perceptions and Use of Methadone Maintenance Treatment: Cynical Performance or Self-prescribed Risk Reduction. *Substance Use and Misuse* 34(14):2135-53.
- 1999 Huettl P, Koester S, Hoffer LD, and Gerhardt G. Separation and Identification of Drugs of Abuse in Drug Cottons by High Performance Liquid Chromatography Coupled with Electrochemical Array Detectors. *Electroanalysis* 11:5-17.
- 1996 Ward PB, Hoffer LD, Liebert BJ, Catts SV, O'Donnell M, and Adler LE. Replication of a P50 Auditory Gating Deficit in Australian Patients with Schizophrenia. *Psychiatry Research* 64(2):121-35.
- 1995 Adler LE, Nagamoto HT, McRae KA, Ross RG, Cawthra E, Griffith J, Hoffer LD, Gerhart GA, Huettl P and Freedman R. P50 Auditory Gating in Schizophrenic Patients: Differing Effects of Clozapine and Resperidone. *Schizophrenia Research* 15(1,2):173.
- 1995 Griffith J, Hoffer LD, Adler LE, Zerbe GO, and Freedman R. Effects of Sound Intensity on a Midlatency Evoked Response to Repeated Auditory Stimuli in Schizophrenic and Normal Subjects. *Psychophysiology* 32:460-466.
- 1994 Koester S, Hoffer LD. Indirect Sharing: Additional Risks Associated with Drug Injection. *Aids and Public Policy* 9(6):100-105.
- 1994 Adler LE, Hoffer LD, Nagamoto HT, Waldo MC, Kisley M, and Griffith J. Yohimbine Impairs P50 Auditory Sensory Gating in Normal Subjects. *Neuropsychopharmacology* 10(4):249-257.
- 1993 Adler LE, Hoffer LD, Wisner A, and Freedman R. Normalization of Auditory Physiology by Cigarette Smoking in Schizophrenics. *American Journal of Psychiatry* 150:1856- 1861.
- 1992 Adler LE, Hoffer LD, Griffith J, Waldo MC, and Freedman R. Normalization by Nicotine of Deficient Auditory Gating in Relatives of Schizophrenics. *Biological Psychiatry* 32:607-616.

Peer-reviewed Invited Publications & Reports

- 2019 Hoffer L, Schlosser A, Buckelew K., NDEWS HotSpot Report Fentanyl: User Beliefs & Practices Cleveland, Ohio, National Institute of Drug Abuse, National Drug Early Warning System (NDEWS), U. of Maryland, College Park, MD.

- 2017 National Academies of Science, Engineering and Medicine. *Pain Management and the Opioid Epidemic: Balancing Societal and Individual Benefits and Risks of Prescription Opioid Use*. Sponsored by the U.S. Food and Drug Administration. Washington, DC. National Academies Press.
- 2014 National Academies of Science, Engineering and Medicine. *The Context of Military Environments: An Agenda for Basic Research on Social and Organizational Factors Relevant to Small Units*. Sponsored by the U.S. Food and Drug Administration Division of Behavioral and Social Science and Education. Washington, DC. National Academies Press.
- 2003 Cottler L.B., Hoffer LD, The Club Drug Study: St. Louis, Miami, and Sydney Australia, National Institute on Drug Abuse, Volume II, Proceedings of the Community Epidemiological Work Group on Drug Abuse, June.
- 1997-99 Hoffer LD, Mendelson B, Drug Trends in Denver and Colorado. National Institute on Drug Abuse, Proceedings of the Community Epidemiological Work Group on Drug Abuse: Vol. I, June 1997; Vol. II, Dec 1997; Vol. I, June 1998; Vol. II, Dec 1998; Vol. I, June 1999.
- 1990 Freedman R, Waldo MC, Adler LE, Nagamoto H, Cawthra E, Madison A, Hoffer LD, Bickford-Wimer P., Schizotaxia and Sensory Gating. Schizophrenia, Cromwell R, Snyder R, eds., Oxford University Press.

Honors & Awards

- 2019 Fellow, Case Western Reserve University, STAIR Fellowship
- 2019 Fellow, Case Western Reserve University, UCITE Leaning Fellowship
- 2018 Nominee, Diekhoff Award for Outstanding Graduate Teaching, CWRU
- 2010 Nominee, Diekhoff Award for Outstanding Teaching and Mentoring, CWRU
- 2007 Fellow, Society for Applied Anthropology
- 2004 Early Career Investigator Travel Awardee, College on Problems of Drug Dependence
- 2001 Travel Award Winner, National Institutes of Health Office of Behavioral and Social Sciences Research
- 1996 First Place, Junior Faculty Poster Seminar, Department of Psychiatry, University of Colorado
- 1995-96 Colorado Representative for CDPHE, Centers for Disease Control & Prevention, HIV Community Planning Grant Review
- 1991-93 Outstanding Performance Award, Department of Veteran Affairs, Denver

University Service

Case Western Reserve University

- 2017–2021 Member, College of Arts and Sciences, Executive Committee
- 2017–2021 Member, College of Arts and Sciences, Budget Sub-Committee
- 2017–2021 Member, College of Arts and Sciences, College Strategic Planning Steering Committee
- 2018–2020 Member, Faculty Senate
- 2018– Member / Faculty Senate Finance Committee
- 2019 Chair, College of Arts and Sciences, Budget Sub-Committee
- 2013–2017 Chair, Faculty Senate Committee on Research
- 2009–2013 Member, Faculty Senate Research Committee
- 2015–2016 Member, Faculty Senate
- 2015–2016 Member, Faculty Senate, Strategic Implementation Committee for Research

2014–2016 Member, Advisory Committee on Research Computing
2014 Member, Provost Search Committee (Vice President for Research)
2010–2013 Member, Addiction Research Interest Group
2008–2012 Member, Prevention and Recovery Services Board

Washington University Medical Center

2007–2008 Member and Special Populations Reviewer, Human Studies Committee
2006–2008 Member, Human Studies Committee, Behavioral Research Review Sub-committee
2002–2008 Member, Human Studies Committee, Continuing Review (03)

National Committees etc.

2019– Member (Temporary, voting), U.S. Food & Drug Administration, Drug Safety and Risk Management Advisory Committee (DSaRM)
2017–2018 Member, National Academies of Science, Engineering, and Medicine, Committee on Pain Management and Regulatory Strategies to Address Prescription Opioid Abuse.
2014–2015 Member, National Academies of Science, Engineering, and Medicine, Committee on the Context of Military Environments
2000–2008 Member, Missouri Statewide Epidemiology Work Group
1996–1999 Colorado Representative, Community Epidemiological Work Group, National Institutes of Health, National Institute of Drug Abuse
1995–1996 Board Member, People Engaged in Education and Reduction Strategies (HIV Prevention CBO), Denver
1994–1997 Steering Committee, Statewide HIV Community Planning Group, Colorado Department of Public Health and Environment

Teaching

Case Western Reserve University

Graduate Seminar (Ethics & Ethnography)	2015–Present
Ethnographic & Qualitative Research Methods	2009–Present
Research Design & Grant Writing	2016–Present
Illegal Drugs and Society	2008–Present
MA Graduate Exam Proctor	2009–2017
Economic Anthropology	2015–2019
Applied Anthropology	2009

Graduate student graduated:	Allison V. Schlosser, Virginia McKay (Oregon State U.), Erin Stringfellow (Washington U., Stl.)
Graduate student supervision:	Kelley Kampman, Meredith Wylie, Maureen Floriano
Graduate student funding:	NSF – Research Experience for Graduate Studies (REG) NSF – Doctoral Dissertation Research Improvement Grant
Undergraduate major advising:	26 students

Washington University & Washington University School of Medicine

Introduction to Medical Anthropology	2008
Epidemiology Seminar, Dept. of Psychiatry	2005–2007
Methods and Reasoning in the Social Sciences	2007
Illegal Drugs and Society	2005
Medical Anthropology	2004

Peer Review Responsibilities

Grant & Contracts:

2019	National Institutes of Health, National Institutes on Drug Abuse, HEALing Communities, SBIR / STTR review
2008–	National Science Foundation, Cultural Anthropology Section
2012–2014	National Science Foundation, Cultural Anthropology, Dissertation Grant Review Panel
2009	National Institutes of Health, Community Influences on Health Behavior
2006	Centers for Disease Control HIV RES II Special Emphasis Panel, HIV Prevention and Behavioral Intervention Research
1995–97	HIV Community Planning, Colorado Dept. of Public Health & Environment
1995–96	Centers for Disease Control and Prevention, HIV Community Planning

Monographs & Reports:

2019	Drug Policy Alliance, “Rethinking the “Drug Dealer””
2014	Institute of Medicine, National Academies of Health, "Assessing the Use of Agent-Based Models for Tobacco Regulation"
2010	Waveland Press, <u>Anthropology of Addiction and Recovery</u> , by Irene Glasser
2009	National Academies of Sciences, Committee on Law and Justice, National Research Council, “Understanding and Controlling the Demand for Illegal Drugs”

Manuscript reviews:

- PLOS-One (Handling Editor)
- Addictions
- British Journal of Sociology
- Culture, Medicine and Psychiatry
- Medical Anthropology Quarterly
- Drug and Alcohol Dependence
- Drug and Alcohol Review
- Human Organization
- International Journal of Drug Policy
- Journal on Studies on Alcohol
- Journal of Urban Health
- Social Science and Medicine
- Contemporary Drug Issues
- Complexity

Consulting

2009–2013	Case Western Reserve University, Qualitative Research Methods Consultant, Mandel School of Applied Social Science.
2005	Missouri Institute of Mental Health, Centers for Disease Control, Behavioral Surveillance Project: High-risk Heterosexuals & Injection Drug Users

Appearances in New Media (2015 – Present)

2020	Clinical Psychiatry News (Feb. Link to follow)
2020	The New Yorker https://www.newyorker.com/magazine/2020/02/10/the-wrong-way-to-fight-the-opioid-crisis
2019	GQ Magazine UK https://www.gq-magazine.co.uk/lifestyle/article/esketamine-antidepressant
2019	The Conversation, Blog post https://theconversation.com/fda-approves-promising-new-drug-called-esketamine-for-treatment-resistant-depression-111966
2018	Nature https://www.nature.com/articles/d41586-018-05939-8

- 2018 FiveThirtyEight <https://fivethirtyeight.com/features/a-crackdown-on-drug-dealers-is-also-a-crackdown-on-drug-users/>
- 2017 The Columbus Dispatch <https://www.dispatch.com/news/20170820/how-business-of-fentanyl-controls-ohios-opioid-crisis>
- 2015 The Washington Post https://www.washingtonpost.com/sf/national/2015/09/24/pellets-planes-and-the-new-frontier/?utm_term=.865f98062c56
- 2015 The Week <https://theweek.com/articles/582099/how-mexican-drug-cartels-are-fueling-americas-deadly-heroin-epidemic>

Invited Presentations, Lectureships, Seminars, & Workshops (1993–Present)

- 2019 Perceptions of Naloxone Among Urban Opioid Users in 3 Cities, (with K. Babu, and A. Belcher), NDEWS Webinar, October
- 2019 (Keynote Speaker) Addressing Recent Trends in Opioid Use Among People Who Inject Drugs: Findings from a NDEWS HotSpot Study of Cuyahoga County, From Research to Recovery: New Approaches to the Opioid Crisis. Case Western Reserve University, Cleveland, OH. July
- 2018 (Keynote Speaker) Reorienting to the Illegal Drug Market for Opioids: The Consequences of Modern Drug Distribution, Public Health Innovations Conference, Department of Population and Quantitative Health Sciences, Case Western Reserve University, Cleveland, OH. November
- 2018 Implementing REDCap for Syringe Exchange Program (SEP) Data Collection, Ohio Harm Reduction Conference: Compassion, Community, & Care, November
<https://u.osu.edu/harmreduction/>
- 2018 Understanding the Illegal Drug Market for Opioids and the Consequences of Modern Drug Distribution, School of Public Health, Taipei Medical University, Taipei, Taiwan, August
- 2018 Understanding the Illegal Drug Market for Opioids and the Consequences of Modern Drug Distribution, Program in Neural Regenerative Medicine, Taipei Medical University, Taipei, Taiwan, June
- 2018 Inside Dealings: Opioid Entry into the Community, Cleveland State University, Cleveland, OH, April <https://www.csuohio.edu/class/cas/student-organizations>
- 2018 Why Social Science? Combatting the Opioid Crisis, Consortium of Social Science Association (COSSA), Social Science Advocacy Day, Washington, DC., April
<https://www.cossa.org/event/2018-science-policy-conference/>
- 2018 Reorienting to the Illegal Drug Market for Opioids: The Consequences of Modern Drug Distribution, Ohio State University, Columbus, OH, March
<https://cjrc.osu.edu/events/reorienting-illegal-drug-market-opioids-consequences-modern-drug-distribution-presented-dr>
- 2018 Blending Ethnographic and Algorithmic Complexity: Applying Agent-based Modeling to the Opioid Epidemic, 78th Annual meeting of the Society for Applied Anthropology, Philadelphia, PA, March

- 2017 The Internalized Dimension of Local Heroin Markets and Why It Matters, Contemporary Drug Problems Conference, Helsinki, Finland, August
- 2017 Ethnographic Research Methods Training (workshop), Veteran Affairs Medical Center, Cleveland, OH, May
- 2017 The Fuzzy Boundaries of Local Heroin Markets and Why They Matter, CWRU School of Medicine, Psychiatry Grand Rounds, February
- 2016 Why is There a Heroin Epidemic? Public Affairs Discussion Group, CWRU, March
- 2015 Heroin up close & personal: Lessons from two decades of fieldwork. Substance Abuse Series. The Laura and Alvin Siegal Lifelong Learning Program, CWRU, September
- 2015 A Community of the Self-interested: How Exchange in Heroin Markets Seeds Conflict. 114th Annual Meeting of the American Anthropological Association, Denver, CO, November.
- 2014 Algorithms & Ethnography: Locating the Content of Agent-based Models in Fieldwork. 74th Annual meeting of the Society for Applied Anthropology, Albuquerque, NM, March
- 2013 Ethnographic Research, Agent-based modeling, and Understanding Heroin Markets, Invited presentation, Abt. Associates, Bethesda, MD, November
- 2013 Ethnographic Research Methods training, Community Research Scholar Program, Metro Health, Invited lecture, Cleveland, OH, October
- 2013 Modeling the Influence of Drug Markets on Heroin Addiction Trajectories, Department of Neuroscience, CWRU School of Medicine, Cleveland, OH, May
- 2013 Applying Complexity to Model the Operation of Heroin Markets, Weatherhead School of Management, CWRU, Cleveland, OH, May
- 2013 Modeling an Economic Inequality Countermeasure in the Heroin Market and its Consequences on Trading Partnerships, Society for Economic Anthropology annual meeting, St. Louis, MO, April
- 2013 "Copping" in Heroin Markets: The Hidden Information Costs of Indirect Sales and Why They Matter. The 6th International Conference, Social Computing, Behavioral-Cultural Modeling and Prediction, Washington, DC, April
- 2013 Applications of Social Simulation, Guest lecture, Frances Payne Bolton School of Nursing, CWRU, Cleveland, OH, February.
- 2013 Cultural Sensitivity in Medicine, Global Health Lecture Series, Cleveland Clinic Lerner College of Medicine of CWRU, Cleveland, OH, January.
- 2012 Ethnographic Research, Agent-based Modeling, and Understanding Heroin Markets, System Thinking and Complexity Class, CWRU Weatherhead School of Management, Cleveland, OH, February.

- 2012 The Ethics and Method of Photography," Global Health Communications Course, CWRU Department of Epidemiology and Biostatistics, Cleveland, OH, May.
- 2012 An Agent-based Model of the Hidden Costs Associated with Buying Heroin, Health Services Research Seminar, Center for Health Care Research & Policy, MetroHealth Medical Center, Cleveland, OH, October.
- 2012 Border Constructions and Crossings in the Anthropology of Psychoactive Substances, *Co-organizers: L. Hoffer, T. Karim, R. Moore, G. Quintero, D. Lende*, 111th Annual Meeting of the American Anthropological Association, San Francisco, CA, November.
- 2012 Ethnographic Research, Agent-based Modeling and Understanding Heroin Markets, Public Health Dynamics Laboratory, University of Pittsburgh, Pittsburgh, PA, January
- 2011 Heroin Addicts as Computational Agents, 110th Annual Meeting of the American Anthropological Association, Montreal, BC, Canada, November.
- 2011 U.S. Drug Policy: Reflecting on Issues and Challenges, Case Western Reserve University, Sponsored by Students for Sensible Drug Policy and Young Americans for Liberty, Cleveland, OH, October.
- 2011 Ethnographic Methods & Computational Social Science, The Mandel School of Applied Social Science, Case Western Reserve University, Methods Colloquium, Cleveland, OH, October.
- 2011 Computational Social Science, Center for Global Security Research Conference, High Performance Computing for Policy Formulation, Lawrence Livermore National Laboratory, Washington, DC, June.
- 2011 Researching Illegal Drug Markets as Complex Adaptive Systems, Ph.D. Complexity Course, Weatherhead School of Management, Case Western Reserve University, Cleveland, OH, March.
- 2011 Interpreting Ambiguities in Rural Drug Trends (with Allison Schlosser), Society for Applied Anthropology, Seattle, WA, March.
- 2010 On Qualitative Data in Agent-Based Models (with Armando Geller, D. Phil., and Rebecca Goolsby, Ph.D.) Third World Congress on Social Simulation, Kassel, Germany, September.
- 2010 Researching the Business of Selling Drugs in the Illegal Drug Economy, Science Café Cleveland, (with Rhonda Williams, Ph.D.), Cleveland, OH, June.
- 2010 Simulating Heroin Addiction and Drug Market Behavior using an Ethnographically Informed Agent-Based Model, Center for Social Complexity, George Mason University, Fairfax, VA, March.
- 2010 Applying ABM to the Problems of Addiction and Drug Markets, Exploring Interconnections: A Network Dynamics Workshop for Understanding and Preventing Adolescent and Young Adult Substance Abuse, National Institute on Drug Abuse, Bethesda, MD, January.

- 2009 Simulating Patterns of Heroin Addiction: Applying Agent-based Modeling to the Problems of Addiction and Drug Markets, Department of Health and Behavioral Sciences, University of Colorado, Denver, CO, October.
- 2009 Simulating Patterns of Heroin Addiction within the Social Context of a Local Heroin Market, 6th Annual Meeting, European Social Simulation Association Conference, Gilford, England, UK, September.
- 2009 Agent Based Models in Anthropology Workshop (with Michael Agar, Ph.D.), The 69th Annual Meeting of the Society of Applied Anthropology, Santa Fe, NM, March.
- 2009 An Agent-based Model of a Heroin Market: Evaluating the Dynamics of Social Interaction, World Health Interest Group (WHIG), Center for Global Health and Disease, Case Western Reserve University, Cleveland, OH, March.
- 2008 Applied Experimental Ethnography: Using Computational Simulation to Evaluate Explanatory Models of Social Process, 68th Annual Meeting, Society for Applied Anthropology, Memphis, TN, March.
- 2008 Complexity Theory, Medical Anthropology, and the Operation of a Heroin Market, Department of Anthropology, Case Western Reserve University, Cleveland, OH, February.
- 2008 Illicit Drug Markets and Complex Adaptive Systems, Computational Modeling and Systems Biology of Drug Abuse, National Institute on Drug Abuse, National Institutes of Health, Bethesda, MD, January.
- 2007 Computational Ethnography: Applying Complexity Theory to Enrich Ethnography, 106th Annual meeting of the American Anthropological Association, Washington DC, November.
- 2007 Illicit Drug Markets as Complex Adaptive Systems: Results from the Illicit Drug Market Simulation Project (Workshop) Mathematical Modeling in Biological and Epidemiological Studies of Addiction, College on Problems of Drug Dependence, Quebec City, Quebec, Canada, June.
- 2007 Combining Ethnography and Complexity Theory to Understand the Dynamics of Illicit Drug Markets, Research Triangle International, Durham, NC, May.
- 2007 Junkie Business: Applying Complexity Theory to Understand the Public Health Significance of Heroin Dealing and illicit Drug Markets, Dept. of Anthropology, Washington University, St. Louis, MO, January.
- 2006 Simulating the Operation of a Local Heroin Market: New uses for Ethnographic Research, College on Problems of Drug Dependence, Scottsdale, AZ, June.
- 2006 The Illicit Drug Market Simulation Project: Making Sense of a Local Heroin Market, The MITRE Corporation, STEP: Science and Technology Expert Partnership, Director of National Intelligence, McLean, VA, May.
- 2006 The Illicit Drug Market Simulation Project: Ethnography and Agent-based Modeling, National Institute on Drug Abuse, National Institutes of Health, Bethesda, MD, May.

- 2006 The Illicit Drug Market Simulation Project: Combining Ethnography and Agent-based Modeling, Redfish Group, Santa Fe, NM. April.
- 2006 Transforming a Heroin Market: A Microcosm of the War on Drugs, Society for Applied Anthropology, Vancouver, BC, Canada, March.
- 2006 Beyond the Edge of the Law: Studying the Illicit Drug Trade, (with Merrill Singer), Society for Applied Anthropology, Vancouver, BC, Canada, March.
- 2006 Junkie Business: the Evolution and Operation of a Heroin Dealing Network, Washington University School of Medicine, Department of Psychiatry, Research Seminar, St. Louis, MO, March.
- 2005 Using Agent-Based Modeling to Better Understand Heroin Dealing & Illegal Drug Markets, Agent 2005, Argonne National Laboratory and University of Chicago, Chicago, IL, October.
- 2005 Junkie Business: the Evolution and Operation of a Heroin Dealing Network, National Bureau of Controlled Substances, Department of Health, Taipei, Taiwan, ROC, September.
- 2005 NIDA's Community Epidemiology Workgroups: Practical Considerations, International Conference on Drug Abuse Epidemiology and Prevention, National Bureau of Controlled Substances, Department of Health, Taipei, Taiwan, ROC, September.
- 2005 The Subtleties of a Local Heroin Market Structure: How Can Fixed Prices Coexist With Variations in Consumer Demand? College on Problems of Drug Dependence, Orlando, FL, June.
- 2005 Junkie Business: the Evolution and Operation of a Heroin Dealing Network, University of Colorado, Department of Psychiatry, Research Seminar, Denver, CO, May.
- 2004 The Subtleties of a Local Heroin Market Structure: How Can Fixed Prices Coexist With Variations in Consumer Demand? Drug Abuse Workshop on Behavioral and Economic Research, National Institute on Drug Abuse, Bethesda, MD, October.
- 2004 Harm Reduction in a 'Just Say No' World, Ethics Seminar Series: Research Considerations among High Risk Vulnerable Populations, Washington University School of Medicine, St. Louis, MO, August.
- 2004 The Influence of "Withdrawal" on Estimating Ecstasy Dependence: A Mixed Method Approach. College on Problems of Drug Dependence. San Juan, Puerto Rico, June.
- 2003 "Diagnostic Orphans" for Cannabis, Cocaine, and Opioid Use. College on Problems of Drug Dependence. Bar Harbor, FL, June.
- 2003 How Anthropology Can Contribute to Psychiatric Diagnoses for "Club-Drug" Related Disorders. American Psychopathological Association meeting. New York, March.
- 2003 An Qualitative Sub-study of Withdrawal Symptoms Associated with Ecstasy Use. Society for Applied Anthropology. Portland, OR, March.
- 1999 Drug Trends in Denver and Colorado. Community Epidemiological Work Group, National Institute on Drug Abuse, Vancouver, BC, Canada, June.

- 1999 Structure, Change, and Interaction: Variations in HIV Risk Behaviors of Customers within a Heroin Dealing Network. Society for Applied Anthropology. Tucson, AZ, April.
- 1998 Drug Trends in Denver and Colorado. Community Epidemiological Work Group, National Institute on Drug Abuse, Miami, FL, December.
- 1998 Drug Trends in Denver and Colorado. Community Epidemiological Work Group, National Institute on Drug Abuse, Boston, MA, June.
- 1997 Drug Trends in Denver and Colorado. Community Epidemiological Work Group, National Institute on Drug Abuse, Scottsdale, AZ, December.
- 1997 Drug Trends in Denver and Colorado. Community Epidemiological Work Group, National Institute on Drug Abuse, Washington DC, June.
- 1996 Comparison of HIV Risk Behaviors among Social Groups of IDUs: Junior Faculty Poster Seminar, Colorado School of Medicine, Department of Psychiatry, Denver, CO, June.
- 1996 “Give Me a Cooker I Can Use:” Toward a HIV Participatory Prevention. Society for Applied Anthropology, Baltimore, MD, March.
- 1995 Redirecting the Notion of the “IDU Community:” Utilizing the Social Nature of Natural Groups to Combat HIV. Society for Applied Anthropology, Tucson, AZ, April.
- 1995 Indirect Sharing: Additional Drug Injection Related HIV Risks. (Workshop) Tenth Annual Rocky Mountain Regional Conference on HIV Disease, Denver, CO, February.
- 1994 Nicotine Mediation of P50 Auditory Sensory Gating: Three Studies in Schizophrenic Patients and their First-degree Relatives. The XIXth Collegium Internationale Neuro-Psychopharmacologicum Congress Meeting, Washington D.C., June, 1994.
- 1994 Bromocriptine Impairs P50 Auditory Sensory Gating in Normal Control Subjects. Society of Biological Psychiatry Annual Meeting, Philadelphia, PA. April.
- 1994 Gating of Auditory P50 in Schizophrenia: Trait and State Related Phenomena. Society of Biological Psychiatry Annual Meeting, Philadelphia, PA, April.
- 1993 Indirect Needle Sharing: An Argument for the Integration of Quantitative and Qualitative Methodologies. Twelfth Annual Epidemiological Research Exchange, Denver, CO, November.
- 1993 Something is Wrong with that Intervention: New Injection-Related HIV Risk. American Anthropological Association. Washington D.C., November.
- 1993 Hard Drugs, Hard Work: Economic Exchange among Street-Based Drug Users. American Anthropological Association, Washington D.C., November.