

# Lee Friedman, Ph.D., M.Sc.

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University of Illinois Chicago  
School of Public Health (M/C 971)  
Division of Environmental and Occupational  
Health Sciences  
1603 West Taylor Street, Room 1057  
Chicago, Illinois 60612

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## EDUCATION

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2005-2006 Ph.D., University of Illinois at Chicago, School of Public Health, Department of Environmental and Occupational Health Sciences, *Occupational Injuries Among Illinois Workers*. (Chair: Dr. Linda Forst)

2003-2005 MSc., University of Illinois at Chicago, School of Public Health, Department of Environmental and Occupational Health Sciences, *Predictors of Elevated Blood Cadmium and Lead Among 3 Year Old Ukrainian Children*. (Chair: Dr. Daniel Hryhorczuk)

1990-1994 B.A., University of California at San Diego, Psychology

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## PROFESSIONAL EXPERIENCE

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2024 - Research Professor, University of Illinois School of Public Health

2022 - 2024 Professor, University of Illinois School of Public Health

2020- Co-Director w/Dr. Holloway-Beth of the Law Enforcement Epidemiology Project

2018- Director of Illinois Occupational Surveillance Program (NIOSH)

2018 - 2019 Interim Division Director, EOHS, UIC School of Public Health

2014 - 2022 Associate Professor, University of Illinois School of Public Health

2010 - 2014 Assistant Professor, University of Illinois School of Public Health

2007 - 2010 Assistant Professor (Research), University of Illinois School of Public Health

2003 - 2005 Doctoral Candidate, University of Illinois, Chicago, IL

2002 - Director, Social Policy Research Institute, Skokie, IL

1997 - 2002 Research Associate, Unit of Occ/Environ Medicine, Hebrew University, Israel

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## TEACHING

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### Courses Taught – University of Illinois at Chicago School of Public Health

#### **Course Instructor**

Injury Epidemiology and Prevention (EOHS 571), Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2016, Spring 2017, Spring 2018, Spring 2019, Spring 2020, Spring 2022

PhD Student Seminar in Environmental Health (EOHS 595), Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019, Fall 2023

Ethics and Justice in Environmental and Occupational Health (EOHS 401; co-instructor), Fall 2018, Fall 2019

MPH Capstone Course, Spring 2018

#### **Guest Lecturer**

Advanced Quantitative Methods in Epidemiology (EPI 501) (Spring 2008, Spring 2009)

Injury Epidemiology and Prevention (EOHS 571) Guest Lecturer (Spring 2008, Spring 2009)

Occupational Diseases (EOHS 551) (Spring 2007, Fall 2017)

Biological Determinants of Health (Spring 2017)

Exposure Assessment Strategies (EOHS 501) – Fall 2019

PhD Seminar (IPHS 595) – Spring 2024, Spring 2022, Spring 2020

### Advising and Mentorship

- Tessa Bonney, K-award mentor (2023-)
- Chibuzor Abasilim, Post-Doctoral Research mentor (2022-2024)
- Abhery Das, Bridge to Faculty and K-Award mento (2024-)
- Brett Shannon - Academic advisor, PhD Preliminary Examination Committee chair, PhD Dissertation Chair (2021-2024)
- Lupita Quintana - PhD Preliminary Examination Committee, PhD Dissertation member (2021-2024)

- Hamed Hamza, PhD Preliminary Examination Committee member (2022), PhD Dissertation committee member (2023-24)
- Bhagya Dewage, PhD Preliminary Examination Committee member (2022) , PhD Dissertation (2023-24)
- Megan Kowalczyk, PhD Preliminary Examination Committee member (2022) , PhD Dissertation (2023-24)
- Vinay Espinosa-Ravi, MS Research Committee member (2023-24)
- Samantha Vega, MS Research Committee member (2023-24)
- Hannah Matzke – Academic advisor, PhD Preliminary Examination Committee chair (2016-18); PhD Dissertation Committee chair (2018-2023)
- Naomi Nemoto, Co Phd Dissertation Committee Chair (2017-), PhD Preliminary Examination Committee, member (2016)
- Michelle Hathaway – PhD Dissertation Committee Member (2020-2022)
- Melissa Gutierrez-Kapheim – PhD Dissertation Committee Member (2019-2022)
- Alexandra Lopez – MS Thesis Committee Member (2019-2021)
- Sudeshna De - Academic advisor, MSc Thesis Committee chair (2018-2020)
- Michael Scott - MPH Capstone Advisor (2020)
- Krystal Henderson – Academic Advisor and MPH Capstone Advisor (2018-2020)
- Karen Segura – MSc Thesis Committee Member (2019-2020)
- Natalia Rog – MPH Academic Advisor (2017-2019); Capstone Advisor (2019)
- Randal Bernthal– MPH Academic Advisor (2017-2019); Capstone Advisor (2019)
- Dana Madigan - Academic advisor, PhD Dissertation Committee chair (2015-19)
- Emmanuel Kyeremateng-Amoah - PhD Preliminary Examination Committee member (2016-18); PhD Dissertation Committee member (2017-19)
- Zhenna Huang – Academic advisor; PhD Preliminary Examination Committee chair; PhD Dissertation Committee chair (2015-18)
- Lorenzo Pitts – MPH Capstone Advisor (2019)

- Mamdouh Alsulaimani – Independent research advisor (2019; occupational health in Saudi Arabia)
- Aditi Vyas - Capstone Advisor (2019)
- Gregory Ajayi – MPH Capstone Reader (2019)
- Anushree Tiwari - Academic advisor, MPH Capstone Advisor (2016-18)
- Andrea Calahorrano - Capstone Advisor (2018)
- Gloria Chang - Capstone Advisor (2018)
- Sheila Mullen - - Capstone Advisor (2018)
- Eric Dangoy - Independent research advisor and MPH Capstone Advisor (2017)
- Martin Flores- Independent research advisor and MPH Capstone Advisor (2017)
- Jonathan Stawicki- Independent research advisor and MPH Capstone Advisor (2017)
- Tania Rojas Hernandez- Independent research advisor and MPH Capstone Advisor (2017)
- Wondowossen Zenebe- Independent research advisor and MPH Capstone Advisor (2017)
- Mohamad Farris- Independent research advisor and MPH Capstone Advisor (2017)
- Sithembile Mabila – PhD Preliminary Examination Committee, member; PhD Dissertation Committee, Chair (2015-17)
- Linda Go - Independent research advisor and MPH Capstone Advisor (2015-16)
- Alison Krajewski - PhD Dissertation Committee Chair (2014-2016)
- Yangyang Liu - Independent research advisor for publication (2015-16)
- Katie Ozenberger – MSc Thesis Committee, member (2016)
- Minh Tran – Independent Study (2016)
- Jonathan Stawicki – MPH academic advisor (2015-2017)
- Tania Rojas Hernandez – MPH academic advisor (2015-2017)

- Liza Topete – MSc Thesis Committee, member (2016)
- Rosalinda Fitts - Independent research advisor and MPH Capstone Advisor (2015-16)
- Hannah Matzke - Independent research advisor and MSc Committee (2015-16)
- Sara Wuellner – PhD dissertation committee member (2015)
- Allison Lale – Independent research advisor for publication (2015)
- Dana Madigan - PhD Preliminary Examination Committee chair (2015)
- Andrew Gordon - Capstone Advisor for MD/MPH program (2014-2015)
- Sumeet Batra - Capstone Advisor for MD/MPH program (2014-2015)
- Michelle Wueste - Capstone Advisor for MD/MPH program (2015)
- Poonam Kutre - Capstone Advisor for MPH program (2015)
- Sithembile Mabila – Independent research advisor (2014)
- Gabriela Gracia - Independent research advisor (2014)
- Michelle Wueste - Independent research advisor (2014)
- Dana Madigan - Independent research advisor (2014)
- Zhenna Huang - MSc Committee chair (2014)
- Alison Krajewski – PhD Preliminary Examination Committee chair (2014)
- Dana Madigan – Academic Advisor (2013-2014)
- Joseph Benitez – PhD Committee member (2013)
- Brian Chin – MSc Committee chair (2013)
- Alison Krajewski – Research mentor and PhD advisor (2012-2013)
- Amy Allegretti – Capstone Advisor for MD/MPH program (2012-2013)
- Patience Oladeinde - Capstone Reader/Advisor for MPH program (2013)
- Viraj Vora – Independent research advisor (2012)

- Vikrum Ramaswamy - MSc Committee member (2012)
- Peter Ruestow – PhD Preliminary Examination Committee chair (2012)
- Shirley Sheppard – PhD Preliminary Examination Committee chair (2012)
- Donnell Young – PhD Preliminary Examination Committee member (2012)
- Stephanie DeFlorio – PhD Preliminary Examination Committee member (2012)
- Shanti Ganesh – PhD Preliminary Examination Committee member (2012)
- Nicole Patino - Capstone Advisor for MD/MPH program (2011-12)
- Paresh Lakhani - Capstone Advisor for MD/MPH program (2011-12)
- Freda Holloway-Beth - PhD Dissertation Committee Chair (2010-2012)
- April Toomey - MSc Committee Chair (2011, 2012)
- Matt Hornyak - MSc Committee Chair (2010, 2011)
- Colin M Krupczak - MSc Committee Chair (2010, 2011)
- Brian Hughes - Capstone Advisor for MD/MPH program (2011)
- Abraham Chukwu - Capstone Reader/Advisor for MD/MPH program (2011)
- Shirley Sheppard - Independent research project advisor, with publication (2010, 2011)
- Peter Ruestow - Research Assistantship mentor (2010, 2011, 2012)
- Shile Liang– MSc Committee Chair, Research Assistant mentor (2008, 2009, 2010)
- Leah Stokes - MSc Committee Chair (2009, 2010)
- Rita Eleu - Capstone Advisor (2010)
- Ifeanyi Beverly Abadom - Capstone Advisor (2010)
- Alfreda Holloway – Preliminary Examination Committee Member (2009)
- Kingsley Ndubisi Anurugwo, MPH – - Capstone Advisor (2009)
- Atenea Robles, MPH Student - - Capstone Advisor (2009)

- Juan Alvarez, MPH Student – Capstone Reader/Advisor (2009)
- Soren Usoroh - - Capstone Advisor (2009)
- Marina Klein, PhD candidate – Doctoral Dissertation Committee Member (2008, 2009)
- Yan Wu, MSc student - Research Assistantship mentor (2008)
- Ryan Zimmerman, MPH student - Research Assistantship mentor (2008)
- Pinal Modi, MPH student – - Capstone Advisor (2008)
- Reed Engel - Doctoral Dissertation Committee Member, External Member (Purdue University; 2009)

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## **UNIVERSITY SERVICE**

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### School of Public Health Committees

MPH Oversight Committee, Member (2019-2020)

Committee on Academic Progress, Member (2017-2018, 2019)

Executive Committee, member (2015-2017; 2019-2020; 2021-2023)

Committee on Academic Progress, Member (2013-2014)

Committee on Academic Progress, Chair (2011-2013, 2018)

Committee on Academic Progress, Member (2010-2011, 2017)

### Environmental and Occupational Health Sciences Division Committees

EOHS Division Director Search Committee (2020-21)

EOHS Climate and Environmental Health Faculty Search Committee (2020-21)

Student Admissions Committee (2011-2021)

Industrial Hygiene Faculty Search Committee, Chair (2019-2020)

Curriculum Committee (2017-2021)

Division Director Search Committee, Member (2018)

Division of Epidemiology Faculty Search Committee (2015)

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**RESEARCH & TRAINING SUPPORT**

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**FUNDED SUPPORT**

Grant #IDHS- USHUD                      Madigan and Friedman (co-PI)                      Dates: 2024-2027  
The project will link multiple data systems in order to help identify the scope and needs of youth and young adults who experience homelessness, develop tailored services to match individual needs with service providers, track access and barriers to services, and evaluate program efficacy. These efforts will reduce the number of youth and young adults who experience homelessness by improving services and collaboration between systems of care.  
Role: Co-Principal Investigator    Amount Funded: \$447,053

Grant #IDPH- 52100004M      Madigan and Friedman (co-PI)                      Dates: 2023-2024  
Illinois Department of Public Health  
The year 2 statewide Homelessness Mortality & Morbidity Report on morbidity and mortality trends and causes of death among people experiencing homelessness in Illinois. The results of this report will help the state to address health issues of the people experiencing homelessness in Illinois.  
Role: Co-Principal Investigator    Amount Funded: \$323,223

Grant #IDPH-42100012L      Madigan and Friedman (co-PI)                      Dates: 2023-2024  
Illinois Department of Public Health  
The statewide Homelessness Mortality & Morbidity Report on morbidity and mortality trends and causes of death among people experiencing homelessness in Chicago, Cook Suburban Area, Illinois-Cook County and seven IDPH health regions. The results of this study will help the state to address health issues of the homeless people.  
Role: Co-Principal Investigator    Amount Funded: \$248,706

Grant #CDC-NIOSH Grant                      Friedman (PI)                      Dates: 2021-2026  
National Institute of Occupational Safety and Health  
This will be the third renewal of the occupational health and safety surveillance program in the State of Illinois. This project continues to develop a collaborative, integrated occupational health and safety surveillance program in the State of Illinois. This expanded program is similar to a Center grant. The expanded program involves three projects: (1) core fundamental surveillance program (Friedman, PI and Lead), (2) OSHA coordination project (Friedman, Lead), and (3) Pesticide surveillance in Illinois (Forst, Lead)  
Role: Principal Investigator and Project Lead on 2 projects                      Amount Funded: \$2,525,730

Grant #CDC-NIOSH Grant      Forst (PI – Ag Center)                      Dates: 2022-2027  
This research project as part of a larger Illinois NIOSH funded Agriculture Safety Center will (1) develop a comprehensive and integrated state-based occupational health surveillance system for identifying and characterizing WRIs among hired farmworkers utilizing existing data systems that principally capture acute, moderate to severe illnesses and injuries; (2) integrate outpatient health data from FQHCs serving FW communities into our surveillance data repository, which would capture minor and chronic injuries and health conditions; and (3) in collaboration with



the Outreach Core and External Advisory Board, translate evidence-based surveillance findings for targeted stakeholders for adoption, adaptation, integration, scale-up and sustainability in Illinois, the Midwest, and across the country.

Role: Co-Investigator Amount Funded: \$ \$1,179,537 (5-year total)

Grant #CDC-NIOSH Grant Friedman (PI) & Madigan (Project Lead) Dates: 2021-2022

The purpose of this project is to build on prior work aimed at strengthening occupational surveillance and utilize surveillance data to inform policies for safe return to work, as well as reduce and prevent work-related COVID-19 exposures and outbreaks. The data will be used to identify high risk subgroups of workers and occupations/industries, evaluate the efficacy of public health actions on transmission in the workplace, and inform ongoing prevention strategies for infectious diseases.

Role: PD/PI and Co-Investigator Amount Funded: \$74,324

Grant #CDC-NIOSH Grant Friedman (PI) & Forst (Project Lead) Dates: 2021-2022

The goal of this project is to increase vaccine uptake among low-wage, essential workers. We will build on our partnership with the Chicago Workers Collaborative (CWC), a workers' center in Chicagoland that addresses the health and safety of low-wage workers with a particular focus on those hired through temporary staffing companies. The primary strategy is to scale up the Mobile Vaccine POD (point of dispensing) Program, bringing COVID-19 educational workshops-- via social media and community forums--and mobile vaccine pods to the places where essential workers are located: their neighborhoods, apartment complexes, trailer parks, factories, warehouses, supermarkets, laundromats, food pantries, schools, and faith communities.

Role: PD/PI and Co-Investigator Amount Funded: \$76,448

Grant #CDC-CCDPH Grant Friedman (co-PI) Dates: 2020-2022

Opioid Data to Action

Conduct surveillance activities to monitor and gather data about the scope and nature of the overdose problem in Cook County, Illinois. We are currently under review for a third year extension through 2022 (additional ~\$100,000 funding).

Role: Co-Principal Investigator Amount Funded: \$158,837

Grant #CDC-NIOSH Grant Friedman (PI) Dates: 2015-2021

National Institute of Occupational Safety and Health

This project continues to develop a collaborative, integrated occupational health and safety surveillance program in the State of Illinois.

Role: Principal Investigator Amount Funded: \$959,994

Grant #T42OH008672 NIOSH ERC Buchanan (PI) Dates: 2015-2021

National Institute of Occupational Safety and Health

The Great Lakes Center for Occupational Health and Safety (GLC-OHS) is a recognized leader in the national and international movement to promote healthier workplaces and workers. The center is one of 18 Education and Research Centers (ERC) funded by the National Institute for Occupational Safety and Health. The primary purpose of the grant is to train the next generations of occupational safety and health professionals.

Role: Co-Investigator

Grant #1NU61TS0002960100 ATSDR Buchanan (PI) Dates: 2019-2020  
ATSDR

Pediatric Environmental Health Specialty Unit Program was funded to investigate community exposure to ethylene oxide. The community in northern Illinois was home to two facilities that emit EtO. One of the facilities sterilizes medical equipment, the other manufactures chemicals.  
Role: Co-Investigator

Grant # ALPHA V Almberg (PI) Dates: 2020-2022  
Alpha Foundation

Evaluation of injuries caused by extended work hours among miners and evaluation of financial conflict of interest among b readers involved in medical determinations in legal proceedings in the US Coal Mine Workers' Compensation Program.  
Role: Co-Investigator

Grant # ALPHA II Cohen (PI) Dates: 2016-2018  
Alpha Foundation

Linkage of Active Miner Surveillance, Former Miner Disability Evaluations, and Mortality Data Sets to Evaluate and Prevent Lifetime Risk of Cardiopulmonary Disease in U.S. Miners, 2016-2018.  
Role: Co-Investigator

Grant # DOL/MSHA Cohen (PI) Dates: 2014-2015  
Department of Labor / Mining Safety and Health Administration

The purpose of this study is to evaluate whether injury and illness among miners in Illinois are underreported to the MSHA Part 50 program, using the data sources housed and managed by the UIC SPH.  
Role: Co-Investigator

Grant # RRF Friedman (PI) Dates: 2013-2016  
Retirement Research Foundation

The purpose of this study is to conduct a multi-center, cohort study of victims of elder mistreatment treated in five major hospitals in the Greater Chicago metropolitan area. This study will capture incidents of physical abuse and caregiver neglect that result in hospitalization. Suspected mistreatment cases and the comparison group will be identified through a state trauma registry and a database of inpatient records. This study will provide a better understanding of the magnitude, nature, determinants and outcomes associated with severe cases of elder mistreatment. In addition, the findings will help develop an appropriate screening tool for hospitals with the goal of improving reporting of suspected mistreatment cases to APS and other investigative bodies. In turn this will improve law enforcement's ability to identify and prosecute perpetrators.

Role: Principal Investigator Amount Funded: \$136,624

Grant # IWCC Friedman (PI) Dates: 2013-2016  
Illinois Workers' Compensation Commission

A contract between the UIC School of Public Health Division of Environmental and Occupational Health Sciences and the Illinois Workers' Compensation Commission. In the proposed a

contractual arrangement, UIC will take over IWCC's data management, analysis and reporting services. The contract is intended to be ongoing without a set term.

Role: Principal Investigator

Amount Funded: \$155,045

Grant # NIH

Buchanan (PI)

Dates: 2013-2014

Environmental Protection Agency

Intervention program to reduce fish consumption in pregnant women in order to reduce fetal exposures to mercury. The target population for the study are women receiving prenatal care at private obstetric practices in the Great Lakes Region in the Greater Chicago Metropolitan area during the years 2012 and 2013.

Role: Co-Investigator

Grant # CDC/AAPCC

Friedman (PI)

Dates: 2013

Centers for Disease Control and Prevention

The goal of this proposal is to characterize drinking water related calls reported to the Illinois poison center and adequately assess the feasibility and potential impact of recommended improvements to our coding system in improving the capture of exposures to contaminated water intended for drinking

Role: Principal Investigator

Amount Funded: \$22,500

Grant # PORTES Grant

Girotti (PI)

Dates: 2012-2013

University of Illinois School of Medicine PORTES Grant

The goal of the project is to evaluate the impact the Longitudinal Community Rotation component of the University of Illinois Urban Medicine curriculum on students, community partners, and community residents. These projects take place in underserved communities where health disparities exist.

Role: Co-Investigator

Amount Funded: \$68,325

Grant # CPWR Research Grant

Friedman (PI)

Dates: 2010-2011

CPWR — The Center for Construction Research and Training

This is a data linkage project of three State population-based registries involving injuries in construction workers. The outcomes of this study will elucidate detailed information on ethnic disparities associated with workers' compensation claims, and will make available a continuum of information on in-hospital care, long-term disability and level of compensation for injured construction workers.

Role: Principal Investigator

Amount Funded: \$30,000

Grant # CCDPH Research Grant

Friedman (PI)

Dates: 2010-2011

Cook County Department of Public Health

The overall goal of this research project is to determine whether the closing of the St. James Olympia Fields trauma unit has resulted in an increase in adverse outcomes in those injured across the affected region. The data linkage of three trauma related datasets will allow us to evaluate the impact of closing the St. James Olympia Fields trauma unit across the continuum of care, from pre-hospital through hospital discharge.

Role: Principal Investigator

Amount Funded: \$81,145

Grant #EPA Grant Buchanan (PI) Dates: 2010-2013  
Environmental Protection Agency  
Implement an learner centered web-based CME curriculum on the health benefits and risks of fish consumption. Acquisition/retention of knowledge and practice behaviors changes among prenatal service providers' will be assessed.  
Role: Co-Investigator

Grant #CDC-NIOSH Grant Forst (PI) Dates: 2010-2014  
National Institute of Occupational Safety and Health  
This project establishes a collaborative, integrated occupational health and safety surveillance program in the State of Illinois.  
Role: Co-Investigator Amount Funded: \$625,000

Contract Forst (PI) Dates: 2006-2014  
Illinois Workers Compensation Commission. "Workers Compensation Surveillance."  
Gives access to Workers Compensation First Reports of Injury and Claims databases in Illinois.  
Role: Co-Investigator

Grant #IPC Cooperative Grant Friedman (PI) Dates: 2009-2009  
Illinois Poison Center / Centers for Disease Control  
Toxicosurveillance project using Illinois Poison Center data. The objective of the project is to evaluate the efficacy of poison center data in identifying exposures to radiation.  
Role: Principal Investigator Amount Funded: \$45,000/\$50,000

Grant #CPWR Research Grant Forst (PI) & Friedman (Co-PI) Dates: 2008-2009  
CPWR — The Center for Construction Research and Training  
Establish construction injury surveillance in the State of Illinois through the use of the Illinois Workers Compensation Commission First Reports of Injury and Claims  
Role: Co-Principal Investigator Amount Managed/Funded: \$30,000/\$30,000

Grant # Research Grant Joseph (PI) Dates: 2008-2009  
The Retirement Research Foundation  
Multi-center case control study of victims of elder abuse treated in two level I trauma units in the greater Chicago metropolitan area.  
Role: Lead-Investigator Amount Managed/Funded: \$40,000/\$50,000

Grant #IPC Cooperative Grant Hryhorczuk (PI) Dates: 2007-2008  
Illinois Poison Center / Illinois Department of Public Health / Centers for Disease Control  
Toxicosurveillance project using Illinois Poison Center data. The objective of the project is to train IPC personnel in surveillance and develop an effective early warning system in the state of Illinois.  
Role: Co-Investigator Amount Managed/Funded: \$150,000

Grant #3 T42/CCT522954-01 Conroy (PI) Dates: 2007-2008  
NIOSH  
Training Grant for Occupational Health Professionals.

Role: Co-Investigator		Funded: \$10,000/~\$600,000
Grant #77281646	Forst (PI)	Dates: 2007-2008
Illinois Department of Public Health Provide support for the strategic planning process to upgrade the EMS system. Database management of state Illinois trauma registry. Mentoring students in data cleaning, linkage, deduplication theory and practice.		
Role: Co-Investigator		Funded: \$18,000/\$125,000
Grant #R01 D43 TW00653	Hryhorczuk (PI)	Dates: 2001-2007
NIH / Fogarty International Center/ NIEHS / NIOSH / ATSDR The Children of Ukraine cohort is a longitudinal, geographically based study that follows children from birth through 7 years of age.		
Role: Co-Investigator		Funded: ~\$600,000
Grant #3 T42 OH008672-02S1	Friedman (PI)	Dates: 2006-2007
NIH / NIOSH / NIOSH Small Grants Project Assess the electronic and print copies of the State of Illinois First Reports of Occupational Injury, and establish a database for state surveillance projects.		
Role: Principal Investigator		Funded: \$16,000
Kishon Zalul Foundation (NGO)	Richter (PI)	Dates: 2002-2003
Evaluation of exposures and risk of cancer among naval divers with prolonged underwater exposures to many toxics in the Kishon water system.		
Role: Co-Investigator		Funded: \$10,000
British Friends of Hebrew University	Richter (PI)	Dates: 2004-2006
Road injury surveillance projects in Israel, United Kingdom and United States. Evaluate role of travel speeds on injuries, deaths and case fatality rates.		
Role: Co-Investigator		Funded: \$5,000
Society for Education and Health (NGO)	Richter (PI)	Dates: 2005
Investigative study of a cluster of cancer cases occurring in a residential community adjacent to a radar and telecommunications antennae field.		
Role: Co-Investigator		Funded: \$5,000
International Student Trust (NGO)	Richter (PI)	Dates: 2003
Survey of truck drivers from various ports to determine occupational and individual predictors of fatigue, falling asleep at the wheel, and involvement in crashes with injuries and deaths.		
Role: Co-Investigator		Funded: \$5,000

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**PEER REVIEW EXPERIENCE**

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- Accident Analysis & Prevention
- Acta Paediatrica
- American Journal of Industrial Medicine
- American Journal of Public Health
- Annals of Work Exposures and Health
- Archives of Environmental and Occupational Health
- Canadian Medical Association Journal
- Clinical Toxicology
- Injury
- Injury Prevention
- International Journal of Occupational and Environmental Health
- Journal of the American Geriatrics Society
- Journal of Environmental Management
- Journal of Elder Abuse and Neglect
- Journal of Gerontology: Social Sciences
- Journal of Occupational and Environmental Medicine
- Journal of Trauma Management & Outcomes
- Occupational and Environmental Medicine
- Pharmacoepidemiology and Drug Safety
- PLOS One
- Public Health Reports
- Violence Against Women

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**SELECTED HONORS**

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- Golden Apple Nominee, 2012, 2013, 2020
- Scientist of the Week, Laboratory Equipment Magazine (circ. 70,000), 2012
- Delta Omega Honor Society (Lambda Chapter), 2007
- Recognized by the American College of Physicians for important research in medicine and health, 2005
- Marcus and Theresa Levie Educational Scholarship, 2005
- Marcus and Theresa Levie Educational Scholarship, 2004
- International Scholarship Foundation, Young Investigator Scholarship, 1997

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## **INTERVIEWS AND CITATIONS IN LAY MEDIA**

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- CNN
- NBC 5 Chicago News
- The Atlantic
- NPR - WBEZ Radio (Chicago), WHYI (Philadelphia)
- WBBM Radio (Chicago)
- Wall Street Journal
- New York Times
- U.S. News and World Report
- Business Week
- Boston Globe
- Chicago Tribune
- Chicago Sun Times
- JAMA News
- Occupational Hazards
- Occupational Health and Safety
- Charlotte Observer
- Congressional Quarterly
- Laboratory Equipment
- The Jerusalem Post
- Reuters Health
- FOX News (Chicago)
- KPRC-TV (Texas; CBS Affiliate)
- WSYR9-TV (New York, NBC Affiliate)

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## **PROFESSIONAL MEMBERSHIPS**

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- 2002- 2005 Member, American Industrial Hygiene Association
- 2003- 2005, Member, American Public Health Association
- 2007- 2010, Latino Outreach Advisory Board (Chicago, Board Member)
- 2007- 2009, Emergency Medical Systems Strategic Planning Committee (Member, Illinois)
- 2008- Workers' Compensation Research Group (Member, National)
- 2009- Council of State and Territorial Epidemiologists, Occupational Health Surveillance Working Group (Member, National) & Occupational Health Indicator State Lead

2010- The Midwest Injury Prevention Alliance (Board Member, Regional)

2014- American Association of Poison Control Centers, ICD9-10 mapping to AAPCC Generic Code Work Group.

2019- Washington State Advisory Committee Firefighter Disease Presumption Laws (Workers' Compensation Statutes).

2020 - 2023 Suburban Cook County Opioid & Substance Use Advisory Council (Board Member, Regional)

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## PEER REVIEWED PUBLICATIONS

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\*E. Ben Michael is Israeli pseudonym for Lee Friedman.

### Online List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/lee.friedman.1/bibliography/public/>

**Underlined name indicates senior authorship.** In the field of public health, the first author listed is the lead senior author and the last author listed is typically the senior author that led the grant, data acquisition, research direction, and/or mentoring of a lead student author.

1. Ginsberg G, Fletcher E, **Ben-Michael E**, Richter ED. How Many Shall Live? How Many Shall Die? Deaths Resulting From the Trans-Israel Highway and Alternatives: A Risk Assessment. World Transport Policy and Practice, 3; 4-10 (1997)
2. Richter ED, **Ben-Michael E**, Tsafrir T, Laster R. Cancer in Thirty-nine Nuclear Industry Workers: a Preliminary Report. Environmental Health Perspectives 105 (supl 6):1511-1517 (1997)
3. Ben-Michael E, Grauer F, Raphael C, Sahn Z, Richter ED. Organochlorine Residues in Fat Tissues of 40 Autopsied Israeli Trauma Victims: 1984-86. Journal of Environmental Pathology, Toxicology and Oncology, 18(4): 297-303 (1999).
4. Posada J, **Ben-Michael E**, Kahan E, Richter ED. Death and Injury from Motor Vehicle Crashes in Colombia, South America. Rev Panam Salud Publica. 2000 Feb;7(2):88-91.
5. Richter ED, **Ben-Michael E**, Reingold SM, Weinberger Z, Ginsberg G. Impact of New Highways on Road Deaths: a Case Study in Risk Assessment. Int J Occup Med Environ Health. 2000; 13(1):51-60.
6. Richter ED, Berman T, **Ben-Michael E**, Laster R, Westin JB. Cancer in Radar Technicians Exposed to Radio Frequency/Microwave Radiation: Sentinel Episodes. Int J Occup Environ Health. 2000 Jul-Sep;6(3):187-93.



7. Richter E, **Ben-Michael E**, Berman T, Laster R. Cancer In Radar Technicians Exposed To RF/MW. *Eur J Oncol.* 2000; 5(suppl 2): 1-2.
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