

## CURRICULUM VITAE

# Samuel L Swift, PhD, MPH

### PERSONAL DATA

Address:  
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1 University of New Mexico  
Albuquerque, NM  
87131-0001  
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Email: samsswift@salud.unm.edu

### EDUCATION

#### **Postdoctoral Research Fellow, Clinical Epidemiology**

*Mentor: Larissa Myaskovsky, PhD*  
*Center for Health Equity in Kidney Disease*  
*University of New Mexico, Department of Internal Medicine*  
2021

#### **PhD, Epidemiology PhD Program**

*Mentor: Adina Zeki Al Hazzouri, PhD*  
*University of Miami, Miller School of Medicine*  
2019

#### **Master's Degree in Public Health, Generalist Concentration**

*Mentor: Celia Iriart, PhD*  
*University of New Mexico, Albuquerque, NM*  
2013

#### **Bachelor of Arts with a Double Major in English and Psychology**

*University of New Mexico, Albuquerque, NM*  
May 2009

### DISSERTATION TOPIC:

Title:

“CAUSAL INFERENCE APPROACHES FOR UNDERSTANDING THE SOCIAL DETERMINANTS OF SUBSTANCE ABUSE AND DEPRESSION IN THE 21ST CENTURY: THE OPIOID EPIDEMIC AND THE GREAT RECESSION”

Committee:

Adina Zeki Al Hazzouri, Ph.D. MSc (Chair)  
Hermes Florez, M.D. Ph.D. MPH  
Tali Elfassy, Ph.D. MPH  
Zinzi Bailey, ScD. MSPH  
Daniel J. Feaster, Ph.D.

### CURRENT AND PAST POSITIONS

**Assistant Professor** (2022 – Present)

*University of New Mexico College of Population Health, Albuquerque, New Mexico*  
505 272 4173

Accomplishments:

- Developed course materials for four academic courses from undergrad to doctoral level
- Prepared research manuscripts in nutritional, social, and cardiovascular disease epidemiology
- Prepared grant submissions for research funding

**Health Systems Epidemiology Program Manager (2021 – 2022)**

*New Mexico Department of Health, Epidemiology and Response Division, Santa Fe, NM  
505 476 1788*

Accomplishments:

- Supervised 7 epidemiologists in the collection, analysis and dissemination of data related to emergency department visits, hospitalizations, and syndromic surveillance
- Conducted analysis for surveillance epidemiology reports using SAS, R, and Tableau software
- Trained staff on how to use statistical software for epidemiological analysis using SAS and R software
- Analyzed data on COVID-19 cases and hospitalizations to aid with the New Mexico Department of Health's COVID-19 response
- Supervised the writing of two annual reports of emergency department visit data and hospitalization data published by the New Mexico Department of Health

**Postdoctoral Scholar (2019 – 2021)**

*University of New Mexico, Center for Healthcare Equity in Kidney Disease  
(505) 272-6144*

Accomplishments:

- Worked as a researcher on a variety of first author and other peer reviewed publications related to transplantation and chronic kidney disease in the research lab of Dr. Larissa Myaskovsky
- Reviewed code and edited manuscripts for other members of the research laboratory
- Developed several grant proposals and was awarded a research grant from the University of New Mexico

**University of Miami Dean's Fellow (2016 – 2019)**

*University of Miami Miller School of Medicine, Department of Public Health Sciences  
305 243 7246*

Accomplishments:

- Worked as a researcher on a variety of first author and other peer reviewed publications related to cardiovascular disease, stroke, mental health, and substance misuse in the research lab of Dr. Adina Zeki Al Hazzouri
- Reviewed code and edited manuscripts for other members of the research laboratory
- Participated in peer to peer mentoring activities such as epidemiology journal club
- Worked as a teaching assistant for master's level epidemiology course
- Developed grant proposals and was awarded extra research funding from the American Heart Association

**Tribal Epidemiologist (2013 – 2016)**

*New Mexico Department of Health, Epidemiology and Response Division, Santa Fe, NM  
505 476 1788*

Accomplishments:

- Negotiated data sharing agreements between the New Mexico Department of Health and the American Indian entities within New Mexico
- Provided technical assistance and education to tribal community members conducting disease assessment and surveillance activities
- Developed a large database of tribally identified birth and death records using geospatial analysis
- Participated as a voting member of the New Mexico Behavioral Risk Factor Surveillance Survey steering committee

- Monitored and tracked health trends in tribal communities in New Mexico. Produced reports on American Indian health and disseminated them to tribal communities
- Supervised an epidemiology student for a Master of Public Health practicum project

**Emergency Medical Technician Intermediate, Emergency Vehicle Operator (2006 -2010, 2011- 2013)**

*Albuquerque Ambulance Service, Albuquerque, NM*

*(505) 449 5745*

Accomplishments:

- Safely transported and cared for the sick and critically injured in a high-volume metropolitan 911 emergency setting
- Practiced emergency medicine within the scope of a certified Emergency Medical Technician-Intermediate within the state of New Mexico
- Charted and documented 911 calls to maximize continuity of care, reimbursement, and coverage of liability
- Worked with a diverse team people including police, fire department personnel, doctors, nurses and other public safety and patient care providers

**Research Assistant and Clinical Trial Tracking Specialist (2010 – 2012)**

*Friends Research Institute/ Sangre De Cristo Community Health Partnership, Santa Fe, NM*

*(410) 837 3977*

Accomplishments:

- Managed operations for one site in a multi-site clinical trial of an SBIRT (Screening Brief Intervention and Referral to Treatment) intervention, within a rural primary care setting
- Interviewed participants and screened them for substance use
- Referred participants to one of two conditions of SBIRT treatment
- Entered data and conducted follow up interviews with participants

**Substance Abuse Technician (2009 – 2010)**

*Metropolitan Assessment Treatment Services, Albuquerque, NM*

*(505) 468 1555*

Accomplishments:

- Assisted with the assessment, intake, monitoring, and referral of clients requesting detoxification and substance abuse services within an inpatient substance abuse treatment center in southeast Albuquerque
- Referred clients to a diverse group of services including inpatient substance abuse treatment, homeless shelters, counseling services, primary care, vocational rehabilitation, and social services
- Assisted clients during detoxification from addictive substances including opioids, alcohol, cocaine, and methamphetamine. Provided resources on addiction treatment and services to these clients

**HONORS**

University of Miami Dean’s Fellowship (2016-2019)

- Awarded Dean’s Fellowship upon acceptance, which is the highest graduate award offered by the University of Miami. This award covered two years of stipend and tuition

**GRANT AWARDS**

**Intramurally Funded Projects**

As Principal Investigator/ Co-Principal Investigator:

DCI Pilot Funding Number: C-3861PI/MENTORED CO\_PI: Myaskovsky/Swift (2020-2022)

Project title “Food subsidy score and CKD among Hispanics: the Hispanic Community Health Study/Study of Latinos”. University of New Mexico UNM Clinical and Translational Research Center Dialysis Center. Incorporated Pilot Funding.

Role: PI/ Mentee on mentored pilot funding

## Extramurally Funded Grant Awards

### As Principal Investigator:

AHA Award Number: 19PRE34380576. PI: Swift (2019)

Project Title "Income volatility and CVD: The role of subclinical and clinical cardiovascular disease factors as mediating pathways". American Heart Association Pre-Doctoral Fellowship.

Role: Predoctoral fellow

### As Co-investigator:

United Healthcare Pilot Funds CO-PIs: Collins/Swift (2023)

Project Title: Addressing the Social Determinants of Health Through Clinical Screening

## CONSULTING

### **Statistical Consultant** (2021- 2022)

*University of Miami Miller School of Medicine (contract-based employment)*

917 613 8815

#### Accomplishments:

- Designed analysis plan for manuscripts for NIH funded research in consultation with Primary Investigator Dr. Tali Elfassy
- Developed SAS and R code to clean and prepare data for analysis for manuscripts using survey weighted longitudinal data from a large cohort study
- Developed SAS and R code to conduct complex statistical analysis for manuscripts including various multivariable regression models, complex survey weighting, loops for bootstrapping, and multiple imputation
- Developed SAS and R code to produce manuscript ready figures and tables to present and visualize data from analyses
- Drafted methods section for publications to reflect all analyses conducted

## PUBLICATIONS

### *Determinants of chronic disease*

**Swift S. L.**, Sotres-Alvarez D, Raj L, Wassertheil-Smoller S, Schneiderman N, Llabre M, Zeki Al Hazzouri A, Rundek T, Van Horn L, Daviglus M, Castaneda S, Youngblood M, Mossavar-Rahmani Y, Elfassy T.

Associations between sodium, potassium, and blood pressure: Results from the Hispanic Community Health Study/Study of Latinos, a prospective cohort study. *Am J Clin Nutr.* 2024 Mar 1:S0002-9165(24)00278-8. doi: 10.1016/j.ajcnut.2024.02.032. Epub ahead of print. PMID: 38432485.

**Swift S. L.**, Zhu Y, Elfassy T, Yakes Jimenez E, Schneiderman N, Unruh M, Perreira K, Mossavar-Rahmani Y, Daviglus M, Lash J, Cai J, McClain AC, Myaskovsky L. Associations between diets higher in subsidized foods and incident CKD among Hispanics/Latinos: The Hispanic Community Health Study/Study of Latinos. Submitted to the *J Public Health Policy* in July 2023, revise and resubmit December 2023.

Loor JM, Ford CG, Leyva Y, **Swift S. L.**, Zhu Y, Dew MA, Ng YH, Croswell E, Kendall K, Peipert D, Puttarajappa C, Shapiro R, Unruh ML, Myaskovsky L. (2023). Assessing Cultural and Psychosocial Characteristics at Initiation of Kidney Transplant Evaluation to Predict Health-Related Quality of Life Changes Early Post-Transplant. *Quality of Life Research.*

Drexler, Y., Tremblay, J., Mesa, R., Parsons, B., Chavez, E., Contreras, G., Raj, L., **Swift, S. L.**, & Elfassy, T. (2023). "Associations Between Albuminuria and Mortality Among US Adults by Demographic and Comorbidity

Factors." *Journal of the American Heart Association*: e030773.

**Swift, S. L.**, Drexler, Y., Sotres-Alvarez, D., Raij, L., Llabre, M. M., Schneiderman, N., Van Horn, L., Lash, J.P., Mossavar-Rahmani, & Elfassy, T. (2022). Associations of sodium and potassium intake with chronic kidney disease in a prospective cohort study: findings from the Hispanic Community Health Study/Study of Latinos, 2008–2017. *BMC nephrology*, 23(1), 1-12.

**Swift, S. L.**, Leyva, Y., Wang, S., Chang, C. C. H., Dew, M. A., Shapiro, R., ... & Myaskovsky, L. (2022). "Are cultural or psychosocial factors associated with patient-reported outcomes at the conclusion of kidney transplant evaluation?." *Clinical Transplantation*, e14796.

Grasset L., Glymour M.M., Yaffe K., **Swift S. L.**, Gianattasio K.Z., Power M.C., Zeki Al Hazzouri A. Association of traumatic brain injury with dementia and memory decline in older adults in the United States. *Alzheimers Dement.* 2020 Jun;16(6):853-861. doi: 10.1002/alz.12080. Epub 2020 Apr 22. PMID: 32323483.

Elfassy, T., **Swift, S. L.**, Glymour, M.M., Calonico, S., Jacobs Jr, D.R., Mayeda, E.R., Kershaw, K.N., Kiefe, C. and Zeki Al Hazzouri, A., 2019. Associations of income volatility with incident cardiovascular disease and all-cause mortality in a US cohort: 1990 to 2015. *Circulation*, 139(7), pp.850-859.

Elfassy, T., Grasset, L., Glymour, M.M., **Swift, S. L.**, Zhang, L., Howard, G., Howard, V.J., Flaherty, M., Rundek, T., Osypuk, T.L., & Zeki Al Hazzouri, A., 2019. Sociodemographic Disparities in Long-Term Mortality Among Stroke Survivors in the United States: The REGARDS Study. *Stroke*, 50(4), pp.805-812.

Grasset, L., Glymour, M.M., Elfassy, T., **Swift, S. L.**, Yaffe, K., Singh-Manoux, A., & Al Hazzouri, A.Z., 2019. Relation between 20-year income volatility and brain health in midlife: The CARDIA study. *Neurology*, 93(20), pp.e1890-e1899.

#### *Causal inference and social epidemiology*

**Swift, S. L.**, O'Donnell, L, Horn, B., Kezios, K., Elfassy, T., Reagan, J., Zeki Al Hazzouri, A., Collins, T. (2023). State Adoption of Paid Sick Leave and Cardiovascular Disease Mortality Among Adults Aged 15-64 in the United States, 2008 to 2019. Submitted for review to *Journal of Public Health Policy*. (2024)

Lu P, Kezios K, Jawadekar N, **Swift S. L.**, Vable A, Zeki Al Hazzouri A. Associations of Food Insecurity and Memory Function Among Middle to Older-Aged Adults in the Health and Retirement Study. *JAMA Netw Open*. 2023;6(7):e2321474. doi:10.1001/jamanetworkopen.2023.21474

**Swift, S.L.**, Elfassy, T., Bailey, Z., Florez, H., Feaster, D.J., Calonico, S., Sidney, S., I. Kiefe, C.I., and Zeki Al Hazzouri, A. (2020) "Association of negative financial shocks during the Great Recession with depressive symptoms and substance use in the USA: the CARDIA study." *J Epidemiol Community Health*.

**Swift, S. L.**, Bailey, Z., & Al Hazzouri, A. Z. (2019). Improving the Epidemiological Understanding of the Dynamic Relationship Between Life Course Financial Well-Being and Health. *Current Epidemiology Reports*, 1-6.

**Swift, S.L.**, Glymour, M.M., Elfassy, T., Lewis, C., Kiefe, C.I., Sidney, S., Calonico, S., Feaster, D., Bailey, Z. and Al Hazzouri, A.Z., 2019. Racial discrimination in medical care settings and opioid pain reliever misuse in a US cohort: 1992 to 2015. *PLoS one*, 14(12).

## TECHNICAL REPORTS AND MONOGRAPHS

**Swift, S. L.**, Yang, Z., Zigich, L. Geter, K. (2021). 2020 New Mexico Hospital Inpatient Discharge Data Annual Report. New Mexico Department of Health, Online Document. Available from: <https://www.nmhealth.org/data/view/systems/2564/>

Thalathara, R., Holzinger, N., **Swift, S. L.** (2021). 2020 New Mexico Emergency Department Data Annual Report. New Mexico Department of Health, Online Document. Available from: <https://www.nmhealth.org/data/view/systems/2614/>

**Swift, S. L.** (2021). Ambulatory Care Sensitive Conditions in New Mexico and the United States, 2016 to 2020. New Mexico Epidemiology Report, 2021(4) Available from: [ER Ambulatory Care Sensitive Conditions in New Mexico and the United States 2016 to 2020 10.19.21.pub \(nmhealth.org\)](#)

Galbraith, R. & **Swift, S. L.** (2016). Association between census tract level poverty and leading causes of death, New Mexico, 2009-2013. New Mexico Epidemiology Report, 2016(5) Available from: <https://nmhealth.org/data/view/report/1901/>

Ropri, A. & **Swift, S. L.** (2015). Traumatic Brain Injury Hospitalizations Among American Indians and Alaskan Natives in New Mexico, 2010 to 2013. New Mexico Epidemiology Report, 2015(9) Available from: <https://nmhealth.org/data/view/chronic/1788/>

Auzsha Ritz, J. & **Swift, S. L.** (2015). Cancer among American Indians in New Mexico, 2008-2013. New Mexico Department of Health, Online Document. Available from: <https://nmhealth.org/data/view/report/1782/>

## COMMUNITY ENGAGED SCHOLARSHIP

**Swift, S. L.** (August 9th, 2023). Native American Life Expectancy: Epidemiology and Trends. Oral Presentation. Native American Life Discrepancy in 2023: A Disease of Injustice (Conference). Sandia Pueblo, New Mexico

Tomedi, L. & **Swift, S. L.** (May 2022) Basic R Coding for Epidemiologists. Oral Presentation with Interactive Workshop New Mexico Public Health Association Annual Conference, Albuquerque, New Mexico.

**Swift, S. L.**, Odell, J., Kettering, C. (May 2022) Introduction to Epidemiology for the non-Epidemiologist. Oral Presentation. New Mexico Public Health Association Annual Conference, Albuquerque, New Mexico

## PRESENTATIONS

**Swift, S. L.** (October 2020). Do Social Determinants of Health Predict Patient Reported Outcomes in Kidney Failure Patients Being Evaluated for Kidney Transplant? Oral Presentation. American Society of Nephrology Annual Conference, Virtual.

**Swift, S. L.** (June 2019) Racial discrimination in medical care settings and opioid pain reliever misuse in a US cohort: 1992 to 2015. Poster Presentation. Society for Epidemiological Research Annual Conference. Minneapolis, Minnesota.

**Swift, S. L.** (June 2018). Income volatility in young adulthood is associated with incident cardiovascular disease and all-cause mortality: the CARDIA study. Oral Presentation. Society for Epidemiological Research Annual Conference, Baltimore Maryland.

**Swift, S. L.** (June 2018). Unnecessary Cesarean Section Births in Florida, 2005 - 2015. Oral Presentation. Council for State and Territorial Epidemiology Annual Conference, West Palm Beach, Florida.

Dowman, B. & **Swift, S. L.** (June 2017). Tribal Epidemiology at the New Mexico Department of Health. Oral Presentation. Council for State and Territorial Epidemiology Annual Conference, Boise, Idaho.

**Swift, S. L.** (June 2016). Tribal Epidemiology at the New Mexico Department of Health: Geocoding, Data Sharing, Collaboration, and Trust. Oral Presentation. Council for State and Territorial Epidemiology Annual Conference, Anchorage Alaska.

Garcia-Saavedra, L. & **Swift, S. L.** (June 2016). American Indian and Alaskan Native Drug Overdose Mortality

by County, 2008-2012. Oral Presentation. Council for State and Territorial Epidemiology Annual Conference, Anchorage Alaska.

Garcia-Saavedra, L. & **Swift, S. L.** (April 2015). American Indian and Alaskan Native Drug Overdose Mortality by County, 2008-2012. Oral Presentation. New Mexico Public Health Association Annual Conference, Albuquerque, New Mexico.

**Swift, S. L.** (August 2015). Traumatic Brain Injury among American Indians and Alaskan Natives in New Mexico, 2010-2014. Oral Presentation. 2015 Summit for Traumatic Brain Injury in Native Americans, Albuquerque, New Mexico.

## **SOCIETIES**

- Council of State and Territorial Epidemiologists, 2014-2018
- Society for Epidemiological Research, 2017-Present
- American Heart Association, 2017-2019, 2022-Present
- New Mexico Public Health Association, 2020-Present
  - Organizer, New Mexico Public Health Association Epidemiology Committee 2021-Present
- American Society of Nephrology, 2020- 2022

## **TEACHING EXPERIENCE**

### **Spring 2023**

Social Epidemiology (PH 524)

Introduction to Population Health Theory (PH 221)

### **Fall 2023**

Introduction to Epidemiology and Biostatistics (PH 502)

Introduction to Epidemiology and Biostatistics Lab (PH 538)

## **ACADEMIC MENTORSHIP**

### *Masters Level Students*

Linda Walkup (student): Professional Paper Differences in SARS CoV-2 Lineage Diversity in Wyoming During the COVID Pandemic's First Year April 2023

Role: Committee Member