

UNIVERSITY OF MIAMI

Curriculum Vitae

1. Date: January 7th 2020

PERSONAL

2. Name Tali Elfassy, MSPH PhD
 3. Office phone 305-243-5674
 4. Current academic rank Research Assistant Professor
 5. Primary department Public Health Sciences
 6. Secondary appointment N/A

HIGHER EDUCATION

7. Institutional

08/2013 – 12/2016 University of Miami, Coral Gables, FL.
 PhD in Epidemiology, December 2016
 01/2008 – 12/2009 The George Washington University, Washington D.C.
 MS in Public Health Microbiology, December 2009
 08/2003 – 05/2007 New York University, New York, NY.
 BA in Biology, May 2007

8. Non-Institutional N/A

9. Certification, licensure N/A

EXPERIENCE

10. Academic

08/2018 – Present Research Assistant Professor of Epidemiology
 Division of Epidemiology
 Department of Public Health Sciences
 University of Miami Miller School of Medicine

11. Non-Academic

2012 – 2013 Research Scientist, New York City Department of Health and
 Mental Hygiene

- Performing statistical analysis of complex datasets for Bureau-level surveillance initiatives using SAS software.
- Trend analysis of cardiovascular disease indicators using the Behavioral Risk Factor Surveillance System, the Youth Risk Behavior Surveillance System and NYC's Community Health Survey using SUDAAN statistical software.

- Drafting, reviewing, tracking and coordinating manuscript efforts for publication.
 - Developing reports and presentations for health department and public audiences.
 - Providing data support for high level initiatives and legislation pertaining to Tobacco 21 and limiting portion sizes of sugary drinks.
 - Reviewing/checking data and facts prior to public dissemination.
 - Supervising and mentoring an Epi Scholar intern.
- 2011 – 2012 Nutrition Research Analyst, New York City Department of Health and Mental Hygiene
- Statistical analysis of population based data to evaluate high priority nutrition initiatives.
 - Evaluating the effectiveness of the city-wide beverage vending standards.
 - Performing statistical analysis in support of the National Salt Reduction Initiative.
 - Drafting and reviewing manuscripts for publication and coordinating publication efforts.
- 2010 – 2011 Research Associate, Pfizer
- Monitoring, recording, and analyzing clinical trial data in relevant Health Technology Assessment documents through the creation of a comprehensive database.
 - Preparing and updating key internal disease area recommendations for market access reports for senior management in the outcomes research department.
 - Performing literature reviews pertaining to heterogeneity of drug treatment effects.
- 2006 – 2010 Research Assistant, Envirosell Inc
- Data acquisition, cleaning, and analysis of market research data using Excel and Access.
 - Conducting primary research seeking to evaluate consumer behavior through field observation.
12. Military N/A
- PUBLICATIONS**
13. Books published N/A
14. Juried or refereed journal articles and exhibitions
1. Khambaty T, Schneiderman N, Llabre MM, **Elfassy T**, Moncrieft AE, Daviglius M, Talavera G, Isasi C, Gallo LC, Reina SA, Vidot D, Heiss G. Elucidating the Multidimensionality of Socioeconomic Status in relation to Metabolic Syndrome in

the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).
International Journal of Behavioral Medicine. 2020. Accepted and in press.

2. Swift S, Glymour MM, **Elfassy T**, Lewis CE, Kiefe CI, Sidney S, Calonico S, Feaster D, Bailey Z, and Zeki Al Hazzouri A. Racial discrimination in medical care settings and opioid pain reliever misuse in a US cohort: 1992 to 2015. PLOS One. 2019. Dec 20;14(12):e0226490
3. **Elfassy T**, Chamany S, Bartley K, Yi S, and Angell SY. Lower 24-hour urinary sodium excretion is associated with hypertension control. Journal of Human Hypertension. 2019. Nov 11. doi: 10.1038/s41371-019-0285-9. [Epub ahead of print]
4. Grasset, L, Glymour M.M., **Elfassy T**, Swift S, Yakke S, Singh-Manoux A, Zeki Al Hazzouri A. Relation between 20-year income volatility and brain health in midlife: The CARDIA study. Neurology. 2019 Nov 12;93(20):e1890-e1899
5. Joyce BT, Wu D, Hou L, Dai Q, Castaneda S, Gallo L, Talavera GA, Sotres-Alvarez D, Van Horn L, Beasley JM, Khambaty T, **Elfassy T**, Zeng D, Mattei J, Corsino L, Daviglius M. DASH diet and prevalent metabolic syndrome in the Hispanic Community Health Study/Study of Latinos. Preventive Medicine Reports. 2019. 2019 Jul 16;15:100950.
6. **Elfassy T.**, Sotres-Alvarez D., Van Horn L., Angell S., Schneiderman N., Rundek T., Raij L., Smoller S.W., Mossavar-Rahmani Y., Daviglius M., Hanna D.B., Zeki Al Hazzouri A. Daily intake of sodium and potassium among diverse US Hispanics/Latinos: the Hispanic Community Health Study/Study of Latinos. American Journal of Hypertension. 2019 Aug 14;32(9):868-879.
7. **Elfassy T.**, Grasset L., Glymour M.M., Swift S., Zhang L., Howard G., Howard V.J., Flaherty M., Rundek T., Calonico S., Osypuk T.L., Zeki Al Hazzouri A. Sociodemographic disparities in long-term mortality among stroke survivors in the United States: the REGARDS study. Stroke. 2019;50(4):805-812.
8. **Elfassy, T.**, Swift S.L., Glymour M.M., Calonico S., Jacobs D.R., Mayeda E.R., Kershaw K.N., Kiefe C., Zeki Al Hazzouri A. Associations of Income Volatility with Incident Cardiovascular Disease and All-Cause Mortality in a US Cohort: 1990 to 2015. Circulation. 2019;139:850-859.
9. Bulka C.M., Daviglius M., Persky V.W., Durazo-Arvizu R.A., Lash J.P., **Elfassy T.**, Ramos A.R., Tarraf W., Argos M. Association of Occupational Exposures with Cardiovascular Disease among US Hispanics/Latinos. Heart. 2019;105:439-448
10. **Elfassy T.** Adjoian A., Lent M. Sugary drink consumption among NYC children, youth, and adults: disparities persist over time, 2007-2016. Journal of Community Health. 2019;44(2):297-306.
11. Perera MJ., Reina SA., **Elfassy T.**, Potter JE., Alvarez DS., Simon MA., Isasi CR., Stuebe AM., Schneiderman N., Llabre M. Gestational diabetes and cardiovascular risk factors and disease in US Hispanics/Latinas in the Hispanic

Community Health Study/Study of Latinos (HCHS/SOL). *Women Health*. 2018;24:1-15.

12. Zeki Al Hazzouri A., Caunca M.R., Nobrega JC., **Elfassy T**, Cheung K., Alperin N., Chuanhui D., Elkind M.S.V., Sacco R.L., De Carli C.S., Wight C. Greater depressive symptoms, cognition, and markers of brain aging: Northern Manhattan Study. *Neurology*. 2018;90(23):e2077-e2085.
13. **Elfassy T**. AA, Schneiderman N, Haan MN, Tarraf W, Gonzalez HM, Gellman M, Florez HJ, Luchsinger JA, Wright CB, Grober E, Zeki Al Hazzouri A. Relation of Diabetes to Cognitive Function in Hispanics/Latinos of Diverse Backgrounds in the US. *Journal of aging and health*. 2018;1:898264318759379.
14. **Elfassy T.**, Mossavar-Rahmani Y., Van Horn L., Gellman M., Sotres-Alvarez D., Schneiderman N., Daviglius M., Beasley J.M., Llabre M.M., Shaw P.A., Prado G., Florez H., Zeki Al Hazzouri A. Associations of sodium and potassium with obesity measures among diverse US Hispanic/Latino adults: results from HCHS/SOL. *Obesity*. 2018;26(2):442-450.
15. **Elfassy T.**, Yi S., Llabre M.M., Schneiderman N., Gellman M., Hermes F., Prado G., Zeki Al Hazzouri A. Neighborhood socio-economic status and cross-sectional associations of obesity and urinary biomarkers of diet among New York City adults: The Heart Follow-Up Study. *BMJ Open*. 2017;7(12):e018566.
16. **Elfassy T.**, Glymour MM, Kershaw K, Carnethon M., Llabre MM., Lewis CE, Schneiderman N., and Zeki Al Hazzouri A. Association between sustained poverty and changes in body mass index from 1990 to 2015: the Coronary Artery Risk Development In Young Adults Study. *Am J of Epidemiology*. 2017;7(12):1240-1249
17. Diaz KM., Goldsmith J, Greenlee H., Strizich G., Qi O., Mossavar-Rahmani Y., Vidot DC., Buelnas C., Brintz CE., **Elfassy T.**, Gallo L., Daviglius M., Sotres-Alvarez D., and Kaplan R. Prolonged, uninterrupted sedentary behavior and glycemic biomarkers among US Hispanic/Latino adults: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Circulation*. 2017;136(15):1362-1373
18. Zeki Al Hazzouri A, **Elfassy T**, Carnethon MR, Lloyd-Jones DM, Yaffe K. Heart rate variability and cognitive function in middle-age adults: the CARDIA study. *Am J of Hypertension*. 2017;31(1):27-34.
19. Zeki Al Hazzouri A, **Elfassy T**, Sidney S, Jacobs D, Perez-Stable E, Yaffe K. Sustained Economic Hardship and Cognitive Function: The Coronary Artery Risk Development In Young Adults Study. *American Journal of Preventive Medicine*. *Am J Prev Med*. 2017;52(1):1-9.
20. Zeki Al Hazzouri A, Mayeda ER, **Elfassy T**, Odden MC, Thekkethala D, Wright CB, Glymour MM, Haan MN. Perceived walking speed, measured tandem walk, incident stroke, and mortality in older Latin adults: a prospective cohort study. *J Gerontol A Biol Sci Med Sci*. 2017;72(5):676-682

21. Garcia L, Lee A, Zeki Al Hazzouri A, Neuhaus JM, Moyce S, Aiello A, **Elfassy T**, Haan MN. Influence of neighborhood socioeconomic position on the transition to type II diabetes in older Mexican Americans: The SALSA Study. *British Medical Journal Open*. In press. *BMJ Open*. 2016 Aug 11;6(8):e010905.
22. **Elfassy T**, Yi S, Kansagra S. Tobacco use trends among New York City public high school youth smokers, 2001-2013. *Preventive Medicine Reports*. 2015;2:488-491.
23. **Elfassy T**, Yi S, Eisenhower D, Lederer A, Curtis CJ. Use of sodium information on the nutrition facts panel in adults with hypertension. *J Acad Nutr Diet*. 2015;115(2):278-283.
24. Yi S, **Elfassy T**, Gupta L, Myers C, Kerker B. Nativity, Language Spoken at Home, Length of Time in the United States, and Race/Ethnicity: Associations with Self-Reported Hypertension. *Am J Hypertens*. 2014;27(2):237-244.
25. Suzuki M, Massingale ML, Ye F, Godbold J, **Elfassy T**, Vallabhajosyula M, Asbell PA. Tear Osmolarity as a Biomarker for Dry Eye Disease Severity. *Invest Ophthalmol Vis Sci*. 2010 Sep;51(9):4557-61.

15. Other works, publications and Abstracts

Other works

1. **Elfassy T**, Yi S, Nonas C. Perceived Access to Fresh Fruits and Vegetables in New York City. *Epi Data Brief*. August 2014, No. 49. Available from: <http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief49.pdf> Accessed 3/25/2015.
2. **Elfassy T**, Yi S, Immerwahr S, Eisenhower D. Self-Rated General Health in New York City. *New York City Department of Health and Mental Hygiene. Epi Data Brief*. March 2013, No. 24. Available from: <http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief24.pdf> Accessed 11/3/2013.

Abstracts

1. **Elfassy T**, Schneiderman N, Rundek T, Raji L, Panigrahi A, Cai J, Gallo L, Daviglius M, Lash J, Gonzalez S, Talavera GA, Perreira K, Castaneda S, Zeki Al Hazzouri A. Association of Acculturation with six-year change in systolic blood pressure across diverse Hispanic/Latino background groups, The Hispanic Community Health Study/Study of Latinos. Accepted as a moderated poster session at the 2020 American Heart Association Epidemiology and Lifestyle Meeting in Phoenix, AZ March 7th 2020.

2. German C, McClain A, **Elfassy T**. Steps and Years of Potential Life Lost in the US Population. Accepted poster presentation at the 2019 American Heart Association Scientific Sessions meeting in Philadelphia, Nov 18th 2019.
3. **Elfassy T**, Chamany S, Bartley K, Yi S, and Angell S. Lower 24-hour urinary sodium excretion is associated with hypertension control: the 2010 Heart Follow-Up Study. Accepted poster presentation at the 2019 American Heart Association Hypertension meeting in New Orleans, Sept 7th 2019.
4. **Elfassy T**, Swift S., Glymour M.M., Calonico S., Jacobs D., Mayeda E.R., Kershaw K., Kiefe C., Zeki Al Hazzouri A. Income volatility in young adulthood is associated with incident cardiovascular disease and all-cause mortality: the CARDIA Study. Invited speaker: Hot of the Press Session. Presentation at the 2019 American Heart Association Epi and Lifestyle 2019 meeting, March 7, 2019.
5. **Elfassy T**, Swift S., Glymour M.M., Calonico S., Jacobs D., Mayeda E.R., Kershaw K., Kiefe C., Zeki Al Hazzouri A. Income volatility in young adulthood is associated with incident cardiovascular disease and all-cause mortality: the CARDIA Study. Society for Epidemiologic Research Meeting, June 19-22 2018, Baltimore, MD.
6. **Elfassy T**, Cai J, Baldoni P, Llabre MM., Zeki Al Hazzouri A., Raji L, Daviglius M, Lash J, Talavera G, Castaneda S, Garcia M, Smoller S, Schneiderman N. Incidence of hypertension among diverse US Hispanics/Latinos: findings from the Hispanic Community Health Study/Study of Latinos. American Heart Association Epi Lifestyle Meeting, March 21st 2018, New Orleans, LA.
7. **Elfassy T**, Yi SS, Llabre MM, Schneiderman N, Gellman M, Florez H, Prado G, and Zeki Al Hazzouri A. Associations among neighborhood socio-economic environment with body mass index and urinary sodium and potassium excretion among New York City residents: The Heart Follow-Up Study. Society for Epidemiologic Research, June 2017, Seattle, WA.
8. **Elfassy T**, Mossavar-Rahmani Y, Van Horn L, Gellman M, Sotres-Alvarez D, Schneiderman N, Daviglius M, Beasley JM, Llabre M, Shaw P, Prado G, Florez H, and Zeki Al Hazzouri A. Sodium, potassium, and markers of obesity among diverse US Hispanic/Latinos: results from HCHS/SOL. Society of Behavioral Medicine Conference, March 30th, 2017, San Diego, CA.
9. **Elfassy T**, Rundek T, Raji L, Schneiderman N, Sotres-Alvarez D, Van Horn L, Smoller S, Daviglius M, Youngblood ME, Llabre M, Castaneda S, and Zeki Al Hazzouri A. Self-reported dietary sodium intake and six-year change in systolic blood pressure among diverse US Hispanics/Latinos: preliminary longitudinal results from the Hispanic Community Health Study/Study of Latinos. American Heart Association Epi Lifestyle Conference, March 9th, 2017, Portland, OR.
10. **Elfassy T**, Glymour MM, Kershaw K, Carnethon M, Lewis CE, Llabre MM, Schneiderman N, Zeki Al Hazzouri A. Sustained poverty and changes in body mass index between 1990 and 2010: The Coronary Artery Risk Development In Young Adults Study. Society for Epidemiologic Research, June 22nd 2016, Miami Florida.

16. Other works under review

N/A

PROFESSIONAL

17. Funded Research Performed

Active Research

08/2019 – 06/2023 NIH/NIMHD K01 - (K01 MD014158)
Understanding drivers of incident hypertension disparities among US Hispanics of diverse backgrounds
 PI: Tali Elfassy

Pending Research

04/2020 – 03/2021 Precision Medicine and Health Disparities Collaborative Pilot Award (NIH/NIMHD)
A genetic risk score to explain disparities in hypertension and CVD among US Hispanics.
 PI: Tali Elfassy
Status: recommended for funding

Completed Research

12/2018 – 07/2019 CTSI KL2 (KL2TR002737)
 University of Miami
Incident hypertension and hypertension disparities among US Hispanics of diverse backgrounds
 PI: Tali Elfassy

01/2017 – 07/2018 American Heart Association post-doctoral fellowship (17POST32490000)
Sodium, potassium, and risk of hypertension and stroke among Hispanics
 PI: Tali Elfassy

07/2015 – 12/2016 NIH, NHLBI T32 (HL007426)
Behavioral Approaches to Cardiovascular Disease
 Role: Pre-doctoral trainee
 PI: Neil Schneiderman, PhD

Pending Review

04/2020 – 03/2023 American Heart Association Career Development Award (20CDA35320310)

Using polygenic risk scores from African and European samples to explain hypertension disparities in admixed US Hispanics.

PI: Tali Elfassy

Status: funding notification given March 2020

04/2020 – 03/2021 Research Center for Minority Aging Research (RCMAR) Pilot Award

The NOVA dietary framework and its association with cardiometabolic disease risk and mortality among ethnic/minority older US adults.

PI: Tali Elfassy

Status: pending review January 2020

18. Editorial responsibility

Ad hoc reviewer for: Diabetes Care, BMJ Open, American Journal of Clinical Nutrition, Preventive Medicine Reports
HCHS/SOL Publications Committee Reviewer
Ad hoc CARDIA chief reviewer

19. Professional Organizations

2016 – present Member, Society for Epidemiologic Research
2016 – present Member, American Heart Association

20. Honors and Awards

2020 American Heart Association Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology and Prevention (Finalist: winner to be announced March 2020 American Heart Association Epi Meeting)

2019 University of Utah Translational Hypertension Symposium: second place poster competition

2019 University of Utah Translational Hypertension Symposium Early Stage Investigator Travel Award

2018 Hispanic Community Health Study Paul Sorlie Early Career Investigator Award
Fellow, 43rd American Heart Association ten-day seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke, travel award recipient

2017 Barrett Prize Honorable Mention for best dissertation related to Latin America or the Caribbean

2017 New York University Presidential Academic Scholarship Award

2003-2007

21. Post-Doctoral Fellowships

01/2017 – 07/2018 American Heart Association

Post-doctoral Fellowship in Epidemiology
 Department of Public Health Sciences
 University of Miami

22. Other Professional Activities N/A

TEACHING

23. Teaching

2020	Instructor. "Social Epidemiology." The University of Miami. To be taught Spring 2020-one week intercession course.
Spring 2018	Teaching Assistant. "Social Epidemiology." The University of Miami
Spring 2016	Teaching Assistant. "Social Epidemiology." The University of Miami
Spring 2015	Teaching Assistant. "Introduction to Epidemiology." The University of Miami
09/2015	Instructor. "Intro to SAS part 1." Statistical Computing Workshop 1. The University of Miami.
09/2015	Instructor. "Intro to SAS part 2." Statistical Computing Workshop 1. The University of Miami.
09/2015	Instructor. "Intro to SAS part 1." Statistical Computing Workshop 2. The University of Miami.
09/2015	Instructor. "Intro to SAS part 2." Statistical Computing Workshop 2. The University of Miami.
04/2015	Instructor. "Intro to SAS for Medical Students." Statistical Computing Workshop. The University of Miami.
01/2015	Instructor. "Statistical Computing: Intro to SAS." Statistical Computing Workshop 1. The University of Miami.
01/2015	Instructor. "Statistical Computing: Intro to SAS." Statistical Computing Workshop 2. The University of Miami.
11/2014	Instructor. "SAS Lab." Statistical Computing for Engineering. The University of Miami.
09/2014	Instructor. "Statistical Computing: SAS." Statistical Computing Workshop. The University of Miami.
02/2014	

- 02/2014 Instructor. "Statistical Computing: Advanced SAS." Statistical Computing Workshop 1. The University of Miami.
- 01/2014 Instructor. "Statistical Computing: Advanced SAS." Statistical Computing Workshop 2. The University of Miami.
- 01/2014 Instructor. "Statistical Computing: Intro to SAS." Statistical Computing Workshop 1. The University of Miami.
- 05/2013 Instructor. "Statistical Computing: Intro to SAS." Statistical Computing Workshop 2. The University of Miami.
- 05/2013 Instructor. "Intro to Epidemiology." Epi In Action Series. The New York City Department of Health and Mental Hygiene. Long Island City, New York.
- Fall 2008 Instructor. "Basic Probability." Epi In Action Series. The New York City Department of Health and Mental Hygiene. Long Island City, New York.
- Teaching Assistant. "Introduction to Biostatistics." The George Washington University.

24. Teaching Specialization N/A

25. Thesis Advising

Samuel Swift, PhD Dissertation committee member Spring 2019

SERVICE

26. University Committee and Administrative Responsibilities

05/2015 – 12/2016 Division of Epidemiology, student representative

27. Community Activities N/A