



**Augusto César Ferreira De Moraes, Ph.D., MS., BSc.**

Assistant Professor, The University of Texas Health Science Center at Houston  
School of Public Health in Austin, Department of Epidemiology  
Michael and Susan Dell Center for Healthy Living, Austin, TX, USA.  
Texas PARC - The Texas Physical Activity Research Collaborative Lab.  
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I'm an Epidemiologist Assistant Professor at the Department of Epidemiology of The University of Texas Health Science Center at Houston (UTHealth Houston) School of Public Health Austin Campus, School of Public Health in Austin. Faculty Member of the Michael & Susan Dell Center for Healthy Living, and Scientist at the Texas PARC – The Texas Physical Activity Research Collaborative Lab.

B.Sc. in Kinesiology, Residency in Human Physiology, M.Sc. in Pediatric, and 2 Ph.D. diplomas: Epidemiology earned by the Medical School, University of Sao Paulo other in Health Science earned from Faculty of Health Sciences of the University of Zaragoza. Postdoctoral at the Medical School, the University of São Paulo, and Postdoctoral Fellow at Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology.

I have been a member of the Scientific Societies Society for Epidemiologic Research (SER) and the American Heart Association (AHA) since 2021. At the AHA, I'm an official mentor for the [National Hispanic Latino Cardiovascular Collaborative](#) Scholars mentoring program. American Society of Nutrition (ASN) since 2016; The Obesity Society (TOS) & World Obesity Federation since 2019. I have been an [NIH Early Career Reviewer](#) for the Cardiovascular and Respiratory Disease Study Section (CRD) since September 2022, and I participated in two Study Sections.

Committed to advancing our scientific understanding of cardiovascular health in children and adolescents, my research employs a multifaceted approach integrating epidemiology, cognitive neuroscience, and predictive analytics. I specialize in examining how lifestyle behaviors, cognitive development, and environmental factors interact to impact cardiovascular outcomes in young populations. My research has global relevance, extending to low- and high-income countries in North America, Latin America, and Europe. I contribute to evidence-based medicine and public health using advanced diagnostic/predictive AI methods and systematic reviews. Furthermore, my work aims to evaluate and influence the efficacy of policies promoting healthy behaviors like diet and physical activity.

Brazilian Ph.D. Epidemiologist, São Paulo FC, Chicago Bulls, Baltimore Ravens, Austin FC and Longhorns fan, Sportsman (Tennis, Soccer, Football, and Basketball), 3 Border Collies (Duke, Tica e Indy) Owner, Cajón Player, Oenophile, Brewer, and Chef de Cuisine. Finally, I host Podcast Lado B da Ciencia (<https://bit.ly/3f3kKRW>), a scientific divulgation initiative.

**Personal Information**

<b>Name</b>	Augusto César Ferreira De Moraes
<b>Bibliographic Citation</b>	MyNCBI: <a href="https://www.ncbi.nlm.nih.gov/myncbi/1dEN6uZAIIR5G/bibliography/public/">https://www.ncbi.nlm.nih.gov/myncbi/1dEN6uZAIIR5G/bibliography/public/</a> ORCID: <a href="http://orcid.org/0000-0002-5763-435X">http://orcid.org/0000-0002-5763-435X</a>
<b>Professional Address</b>	The University of Texas Health Science Center at Houston <b>UTHealth Houston</b>   School of Public Health in Austin Michael & Susan Dell Center for Healthy Living Department of Epidemiology 1836 San Jacinto   Suite 510   Austin, TX 78701 – 📞: +1 (512) 391-1352 <a href="mailto:Augusto.DeMoraes@uth.tmc.edu">Augusto.DeMoraes@uth.tmc.edu</a>

**Research Interests**

Cardiovascular pediatric epidemiology, lifestyle behaviors, brain cognitive development, diagnostic/predictive methods, social determinants of health, and evidence-based medicine/public health.



### **Scientific Metrics**

#### **Web of Science:**

Total scientific articles: 83 – Total citations: 1,326 – H-index: 22

Average citations per item: 16 – Average citations per year: 80

#### **SCOPUS:**

Total scientific articles: 72 – Total citations: 1,341 – H-index: 23

Average citations per item: 19 – Average citations per year: 84

#### **Google Scholar:**

Total scientific articles: 108 – Total citations: 2,762 – H-index: 29

Average citations per item: 26 – Average citations per year: 173

### **Education**

#### **Johns Hopkins University, Bloomberg School of Public Health**

Baltimore, US

Post-Doctoral Fellowship in Epidemiology

April 2016-March 2017

Department of Epidemiology

Supervisor: Moyses Szklo

*Scholarship:* São Paulo Research Foundation—FAPESP (proc. 2015/14319-4)

#### **University of São Paulo, Medical School**

São Paulo, Brazil

Post-Doctoral Fellowship in Epidemiology

December 2014-March 2016

Department of Preventive Medicine

May 2016-March 2019

Supervisor: Heráclito Barbosa de Carvalho

*Scholarship:* São Paulo Research Foundation—FAPESP (proc. 2014/13367-2)

#### **University of São Paulo, Medical School**

São Paulo, Brazil

Ph.D. in Science

August 2011-November 2014

Department of Preventive Medicine

Advisor: Heráclito Barbosa de Carvalho

*Thesis:* High blood pressure and clustering of risk factors in adolescents: a multicenter study

*Scholarship:* São Paulo Research Foundation—FAPESP (proc. 2011/11137-1)

#### **University of Zaragoza, Faculty of Health Science**

Zaragoza, Spain

Ph.D. in Health Science

November 2011-November 2014

Department of Public Health

Advisor: Luis Alberto Moreno Aznar

*Thesis:* Sociodemographic and behavioral factors associated with blood pressure in adolescents: a multicenter study

*Scholarship:* São Paulo Research Foundation—FAPESP (proc. 2011/20662-2)

#### **University of São Paulo, Medical School**

São Paulo, Brazil

Master in Science, Concentration: Pediatrics

May 2009-June 2011

Advisor: Mário Cícero Falcão

Dissertation: Associated factors with obesity in adolescents'

*Scholarship:* Coordination of Improvement of Higher Education Personnel — CAPES (proc. 40,1392)

#### **Federal University of Paraná**

Curitiba, Brazil

Residency in Human Physiology

January 2005- May 2006

#### **University Center of Maringá**

Maringá, Brazil

Bachelor in Kinesiology

March 2001-December 2004

### **Current Position**

Assistant Professor,

UTHealth Houston | The University of Texas Health Science Center at Houston

School of Public Health in Austin

Department of Epidemiology



- Research Projects
- Professor Graduate Course: *“Basic concepts of systematic review and meta-analysis for epidemiological studies”* – 3 Crd
- Professor Graduate Course: *“Epi Capstone”* – 3 Crd
- Professor Graduate Course: *“Physical Activity and Health: Epidemiology and Mechanisms”* – 3 Crd
- Advisor Professor at the Master and Ph.D. Program in Epidemiology at the University of Texas.

**Michael and Susan Dell Center for Healthy Living**

**Investigator Member**

- Research Projects

**University of São Paulo, School of Public Health**

**Visiting Professor,**

Department of Epidemiology

- Research Projects
- Advisor Professor at the Master and Ph.D. Program in Public Health at the School of Public Health, University of Sao Paulo.
- Advisor at the Ph.D. Program in Epidemiology at the School of Public Health, University of Sao Paulo.

**Past Positions**

**University of São Paulo, School of Public Health**

Assistant Research Professor, 2019 - 2021

Department of Epidemiology

**University of São Paulo, Medical School**

Teaching Assistant, 2010 - 2014

Department of Preventive Medicine

- Epidemiology class of undergraduate medical students in groups and individually in collaboration with Prof. Nelson Gouveia.

**University of Zaragoza**

Research and Development, GENUD - Growth, Exercise, Nutrition and Development - Research

- **Multicenter Research Projects**
  - IDEFICS - Identification and prevention of dietary- and lifestyle-induced health effects in children and infants
  - HELENA - Healthy Lifestyle in Europe by Nutrition in Adolescence Cross-Sectional Study

**Pontifical Catholic University of Paraná PUC / PR, Brazil.**

Research Assistant/Teaching Assistant

Department of Nutrition

**Ongoing Research Projects**

**UTHEALTH HOUSTON | THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, SCHOOL OF PUBLIC HEALTH IN AUSTIN**

Cardiovascular-Brain Links in US Pediatric Population: Environmental and MRI Phenotype Insights

Principal Investigator

**UTHEALTH HOUSTON | THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, SCHOOL OF PUBLIC HEALTH IN AUSTIN**

Texas Life Expectancy Estimates and Social Determinants of Health Analysis

Principal Investigator

**Ongoing Grant**

Texas Life Expectancy Estimates and Social Determinants of Health Analysis

Principal Investigator

Sponsor: Episcopal Health Foundation –



External Validity of Heart Failure Risk Prediction and Trajectory Models in Brazilian Cohort Population-based Study  
Principal Investigator  
Sponsor: American Heart Association – Award # 24IVPHA1292652.

Enhancing Heart Failure Risk Prediction and Trajectory Models Across Diverse U.S. Ethnic and Geographic Populations  
Principal Investigator  
Sponsor: American Heart Association – Award - # 24GWTGTG1280699.

#### **Grants Proposals Under Review**

**Cardiovascular-Brain Links in US Pediatric Population: Environmental and MRI Phenotype Insights**

Principal Investigator

Submission to NHLBI National Institute of Health – NIH (United States of America)

Pioneer Award - AN # 4876517.

**Exploring the Intersection: Social and Macroeconomic Factors Indicators, Urbanization, onto Cardiovascular Health Across Multiethnic and Geographically Diverse U.S. Pediatric Populations**

Principal Investigator

Resubmission to NHLBI National Institute of Health – NIH/NHLBI (United States of America)

Application ID: 1 R01 HL174766-01

**Mapping the Interplay: How Obesity and Elevated HbA1c Shape Brain Health and Cognitive Function in a Multiethnic U.S. Pediatric Cohort Study**

Principal Investigator

Resubmission to NIDDK National Institute of Health – NIH/NHLBI (United States of America)

Application ID: 1 R01 R01DK142066

#### **Ended Grants**

Young Investigator Principal Investigator – Grant #2017/20317-0:

Awarded by São Paulo Research Foundation—FAPESP, US\$ 250,000.00 03/01/2019 – 06/30/2022.

São Paulo Research Foundation—FAPESP (proc. 2014/00491-7): Funding Research / Organization for Scientific Event / Scientific Meeting of Organization or Technology, 2014.

National Counsel of Technological and Scientific Development (CNPq) (proc. 471266/2013-2): Regular Funding to Research, 2013.

National Counsel of Technological and Scientific Development (CNPq) (proc. 007/2012): Scholarship of visiting professor to prof. Luis Moreno, 2012

University of São Paulo, Center of Research: Regular Funding to Research, 2012.

#### **Ended Research Projects**

**UNIVERSITY OF SAO PAULO, MEDICAL SCHOOL**

**DEPARTMENT OF INTERNAL MEDICINE**

**Comorbidities and Mortality in Patients Hospitalized with COVID-19 in Largest Latin America Tertiary Hospital**

Co-Principal Investigator

**SCHOOL OF PUBLIC HEALTH, UNIVERSITY OF SAO PAULO**

**DEPARTMENT OF EPIDEMIOLOGY**

**New frontiers in pediatric nutritional and cardiovascular health: Methods development to assess the double burden of malnutrition and ideal cardiovascular health in low-in-middle income countries - SAYCARE Cohort Study**

Principal Investigator



**JOHNS HOPKINS UNIVERSITY, BLOOMBERG SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF EPIDEMIOLOGY**  
*Multi-Ethnic Study of Atherosclerosis (MESA)*  
Post-Doctoral Fellowship

- Analyze Data
- Scientific Paper Development

*Sociodemographic and behavioral factors associated with blood pressure in adolescents: a multicenter study*  
Researcher Assistant

- Data Collection Activities Coordinator
- Design Research Projects, Analyze Data and
- Scientific Paper Development

*High blood pressure in adolescents: a systematic review*  
Researcher Assistant

- Data Collection Activities Coordinator
- Design Research Projects and Analyze Data
- Scientific Paper Development

**UNIVERSITY OF SAO PAULO, MEDICAL SCHOOL**  
**DEPARTMENT OF PEDIATRICS**  
**Associated factors with obesity in adolescents'**  
Researcher Assistant

- Data Collection Activities Coordinator
- Design Research Projects and Analyze Data
- Scientific Paper Development

*Factors associated with physical inactivity among adolescents (FAPIA): a systematic review and meta-analysis*  
Researcher Assistant

- Coordinate the research activities
- Design research projects and analyze data
- Scientific Paper Development

**PONTIFICAL CATHOLIC UNIVERSITY OF PARANÁ PUC / PR, BRAZIL.**  
**DEPARTMENT OF NUTRITION**  
**Anemia prevalence and its determinants in Brazilian institutionalized elderly**  
Researcher Assistant

- Coordinate the research activities
- Design research projects and analyze data
- Scientific Paper Development

**Professional Activities**

Society membership

2016-	American Society of Nutrition (ASN)
2017-	Society for Epidemiological Research (SER)
2019-	The Obesity Society (TOS)
2021-	American Heart Association (AHA)
2014-2019	International Epidemiological Association (IEA)
2015-2016	European Association for the Study of Diabetes (EASD)

**Complementary Education**

2021 – 2021 Health Outcomes Prediction with Machine Learning. (Crd: 60).  
University of Sao Paulo. School of Public Health.

2021 – 2021 Physical Activity and Public Health Research Course. (Crd: 60).





- University of South Carolina. Arnold School of Public Health.
- 2021 – 2021 Health Outcomes Prediction with Machine Learning. (Crd: 60).  
University of Sao Paulo. School of Public Health.
- 2020 – 2020 Systematic Reviews and Meta-Analysis: a practical approach. (Crd: 45).  
University of Sao Paulo. Medical School.
- 2020 – 2020 Confounding variables, mediators and effect modifiers: principles for their analysis in epidemiological studies. (Crd: 30).  
University of Sao Paulo. School of Public Health.
- 2019 – 2019 Validity Bias in Epidemiology. (Crd: 45).  
Imperial College London. School of Public Health.
- 2017 - 2017 Project Manager. (Crds: 60).  
Fundação Getúlio Vargas (SP), FGV, Brazil
- 2017 - 2017 Longitudinal analyses in life course epidemiology. (Crds: 25).  
Faculdade de Medicina da Universidade de São Paulo, FMUSP, Brazil
- 2016 - 2016 An Overview of Research with Vulnerable Subjects (CITI). (Crds: 20).  
Johns Hopkins University Medical School, JHM, United States
- 2016 - 2016 HIPAA for Research. (Crds: 20).  
Johns Hopkins University Medical School, JHM, United States
- 2016 - 2016 Avoiding Plagiarism. (Crds: 20).  
Johns Hopkins University, JHU, Baltimore, United States
- 2016 - 2016 Intermediate Epidemiology. (Crds: 20).  
Johns Hopkins University Bloomberg School of Public Health, JHU, United States
- 2015 - 2015 Early Nutrition, Physical Activity and Health. (Crds: 20).  
Universidad de Zaragoza, UNIZAR, Zaragoza, Spain
- 2015 - 2015 Actigraph Accelerometers: Training. (Crds: 4).  
International Trade & Marketing Services, ITMS GROUP, Brazil
- 2014 - 2014 Social and individual context matters: How social and individual context matters for the biological mechanisms of behavior. (Crds: 80).  
Ruprecht-Karls-Universität Heidelberg.
- 2013 - 2013 Agent-based and System Dynamics Models: New Tools. (Crds: 20).  
Johns Hopkins University.
- 2013 - 2013 Innovations in Childhood Obesity Prevention: System (Crds: 8).  
Johns Hopkins University.
- 2013 - 2013 Strategy for Health Promotion (Crds: 6).  
Aragón Government.
- 2012 - 2012 Analysis multilevel in epidemiological studies. (Crds: 20).  
Universidad de Zaragoza, UNIZAR, Spain.
- 2011 - 2011 Structural Equation Modeling. (Crds: 20).  
School of Public Health, University of Sao Paulo.
- 2011 - 2011 Ethics and copyrights. (Crds: 6).  
University of São Paulo, USP, Brazil.
- 2011 - 2011 Health in Brazil - The Lancet Series. (Crds: 6).  
School of Public Health, University of Sao Paulo.
- 2011 - 2011 Graduate USP 100,000 Titrations. (Crds: 10).  
University of São Paulo, USP, Brazil.
- 2010 - 2010 Structuring scientific paper for publication International publication. (Crds: 7).  
University of São Paulo, USP, Brazil.
- 2009 - 2009 Training at Elsevier databases. (Crds: 6).  
University of São Paulo, USP, Brazil.
- 2009 - 2009 Basic Training - Scopus. (Crds: 6).  
University of São Paulo, USP, Brazil.
- 2009 - 2009 Data Analysis in Physical Activity and Health (Crds: 4).  
Brazilian Society of Physical Activity and Health.
- 2008 - 2008 Methodological Challenges of epidemiology. (Crds: 12).  
Brazilian Association of Public Health.
- 2007 - 2007 Production and Dissemination of Scientific Knowledge. (Crds: 40).  
State University of Londrina, UEL, Brazil.
- 2007 - 2007 Biostatistics. (Crds: 60).  
State University of Maringa, UEM, Brazil.
- 2007 - 2007 Epidemiology. (Crds: 30).



State University of Maringa, UEM, Brazil.

**Scientific Journal Referee**

2009 - Current	Journal: Nutrition
2009 - Current	Journal: International Journal of Public Health (Print)
2011 - Current	Journal: Nutrition Metabolism and Cardiovascular Diseases
2012 - Current	Journal: Plos One
2012 - Current	Journal: Revista Brasileira de Atividade Física e Saúde
2013 - Current	Journal: Circulation (New York, N.Y.)
2013 - Current	Journal: Annals of Human Biology
2013 - Current	Journal: Nutrition Research (New York, N.Y.)
2013 - Current	Journal: British Journal of Nutrition
2013 - Current	Journal: Advances in Nutrition
2014 - Current	Journal: Appetite (London. Print)
2014 - Current	Journal: Journal of Physical Activity & Health
2010 - 2013	Journal: Hypertension Research
2011 - 2012	Journal: Acta Paediatrica (Oslo)
2011 - 2013	Journal: Archives of Pediatrics & Adolescent Medicine
2012 - 2014	Journal: BMC Public Health (Online)
2012 - 2014	Journal: American Journal of Public Health (1971)
2012 - 2014	Journal: Journal of School Health

**Scholarships'**

Master Scholarship (August/2009 to June/2011): Coordination of Improvement of Higher Education Personnel – CAPES (proc. 40,1392)

Brazilian Ph.D. Scholarship (September/2011 to January/2012; and February/2013 to November/2014): São Paulo Research Foundation – FAPESP (proc. 2011/20662-2)

Research Internships Abroad Ph.D. Scholarship (February/2012; and January/2013): São Paulo Research Foundation – FAPESP (proc. 2011/11137-1)

Post-Doctoral Scholarship (March/2015 to March/2016 & April/2017 to Current): São Paulo Research Foundation – FAPESP (proc. 2014/13367-2)

Research Internships Abroad Post-Doctoral Scholarship (March/2015 to Current): São Paulo Research Foundation – FAPESP (proc. 2015/14319-4)

**Publications by Peer Reviewer Journals**

1. **De Moraes AC**; Nascimento-Ferreira MV; Hunt EH; Knell G; Virostko J; Tapert SS; Kohl III HW. Cardiovascular health profile is favorably associated with brain health and neurocognitive development in adolescents. *Ment Health Phys Act*, 2024, 100611.
2. **De Moraes ACF**, Conceição da Silva LC, Lima BS, Marin KA, Hunt ET, Nascimento-Ferreira MV. Reliability and validity of the online Pittsburgh sleep quality index in college students from low-income regions. *Front Digit Health*. 2024 Jul 24;6:1394901. doi: 10.3389/fdgth.2024.1394901.
3. Araujo-Moura K, Nascimento-Ferreira MV, Schaan B, Bloch K, de Carvalho K, Cureau F, Ferreira **De Moraes ACF**. Serum Vitamin D Levels Mediate the Association Between Physical Activity and Blood Pressure in Adolescents. *J Phys Act Health*. 2024 Jan 22;21(4):333-340. doi: 10.1123/jpah.2022-0532.
4. Viana RS; Nascimento-Ferreira MV; Schaan BD; Bloch KV; de Carvalho KMB; Cureau FV; **De Moraes, A.C**. Prevalence of the Double Burden of Malnutrition among Adolescents: Associations with Lifestyle Behaviors and Clusters of Social Determinants. *Children* 2024, 11, 620.
5. Hunt ET, Brazendale K, **De Moraes ACF**, Malkani R, Heredia NI, Pfladderer CD, Brown DM, Hoelscher DM, Beets MW, Weaver RG. Physical Activity and Sedentary Time Among U.S. Adolescents Before and During COVID-19: Findings From a Large Cohort Study. *AJPM Focus*. 2024 Jun 17;3(5):100253. doi: 10.1016/j.focus.2024.100253.



6. Knell G; Burford K; Calise T; Dooley EE; **De Moraes AC**; Ganzar LA; Han H; Heredia N; Jáuregui A; Johnson A; Lanza K; Nehme E; Nicksic H; Oluyomi AO; Porter A; Ramirez Varela A; Robertson M; Salvo D; Walker T; Zhang Y. The Legacy of Dr. Harold W. (Bill) Kohl III From the Perspective of His Mentees. *J Phys Act Health*. 2024 Feb 1;21(3):212-213.
7. Xavier JFS, Feuerstein SC, **De Moraes ACF**, de Oliveira TA, da Silva Gomes ER, de Almeida Silva MIA, de Oliveira LF, de Carvalho HB, Marin KA, Nascimento-Ferreira MV. Development of a User-Friendly Self-Screening Tool for Assessing Metabolic Syndrome Risk in Youths from Economically Challenged Regions. *J Pers Med*. 2024 Jul 30;14(8):810. doi: 10.3390/jpm14080810
8. Arrais Rosa AC, Da Silva LCC; Azevedo JC; Oliveira RTS; Ferreira KA; Parra MT; Carvalho HB; De Moraes ACF; Nascimento-Ferreira MV. Validity of Perceived Stress Scale in Brazilian Low-Income College Students. *Rev Saude Publica*, 2024 [In Press].
9. **De Moraes AC**; Medeiros-Oliveira VC; Burford K, Schaan BD; Bloch K; de Carvalho KMB; Cureau FV; Nascimento-Ferreira MV. Association Between Sleep Time and Pro- and Anti-Inflammatory Biomarkers Is Mediated by Abdominal Obesity Among Adolescents. *J Phys Act Health*. 2023 Jun 9:1-8.
10. Azevedo-Garcia LG; Torres-Leal FL; Aristizabal JC; Berg G; Carvalho HB; **De Moraes AC**. Reliability and Validity Estimate of the Pro-Inflammatory / Anti-Inflammatory Food Intake Score in South American Pediatric Population: SAYCARE Study. *Int J Environ Res Public Health*. 2023 Jan 6;20(2).
11. Medeiros-Oliveira VC; Viana RS; Oliveira AC; Nascimento-Ferreira MV; **De Moraes AC**. Are sleep time and quality associated with inflammation in children and adolescents? A systematic review. *Prev Med Rep*. 2023 Jul 17;35:102327.
12. Oliveira GA; Marcelino AC; Tristão Parra M; Nascimento-Ferreira MV; **De Moraes AC**. Validity and Reliability of Questionnaires That Assess Barriers and Facilitators of Sedentary Behavior in the Pediatric Population: A Systematic Review. *Int J Environ Res Public Health*. 2022 Dec 15;19(24).
13. Tristão Parra M, **De Moraes AC**, Nascimento-Ferreira MV, Mills PJ, Allison M. Longitudinal Associations of Physical Activity Patterns and the Environment: An 18-Year Follow-Up to the MESA Study. *Int J Environ Res Public Health*. 2022 Sep 1;19(17):10925.
14. **De Moraes AC**; Nascimento-Ferreira MV; González-Zapata L; Carvalho HB. Can Food and Beverage Advertising Questionnaire Predict Overweight and Obesity in Children and Adolescents from Low-and-Middle Income Countries? *Child Obes*, 2022 Oct;18(7):476-484.
15. Araujo-Moura K; Souza LG; Mello GL; **De Moraes AC**. Blood pressure measurement in pediatric population: comparison between automated oscillometric devices and mercury sphygmomanometers a systematic review and meta-analysis. *European Journal of Pediatrics*, 2022;181(1):9-22.
16. Collese TS; **De Moraes AC**; Urteaga TR; González-Zapata LI; Gaitan D; Delgado C; Berg G; Torres-Leal FL; Carvalho HB. Evaluation of the validity of a food frequency questionnaire and 24-hour-dietary-recall to assess dietary iron intake in children and adolescents from the SAYCARE study. *J Acad Nutr Diet*. 2022 Feb;122(2):384-393
17. Nascimento-Ferreira MV; **De Moraes AC**; Berg G; González-Zapata L; Carvalho HB. Individualized prognosis for risk of developing abdominal obesity in paediatric population. *Clinical Nutrition*, 2021 Oct;45:333-340.
18. Lazar-Neto F; Salzstein GA; Cortez AL; Bastos TL; Baptista FVD; Alves J; Lauterbach GP; Oliveira JC; Assis FC; Aguiar MRA; Deus AA; Dias MFDS; Sousa FCB; Duailibi DF; Kondo RH; Martins MA; **De Moraes AC**. Comparative Assessment of Mortality Risk Factors Between Admission and Follow-up Models Among Patients Hospitalized with COVID-19. *International Journal of Infectious Diseases*, v. 21, p.00230-7, 2021.





19. **De Moraes AC**; Nascimento-Ferreira MV; Forjaz C; Aristizabal JC; Azzaretti L; Nascimento-Junior W; Miguel-Bergues M; Skapino S; Delgado C; Moreno LA; Carvalho HB. Reliability and validity of a sedentary behavior questionnaire for South American pediatric population: SAYCARE Study. *BMC Medical Research Methodology*, v. 20, p. 5, 2020.
20. Nascimento-Ferreira MV, **De Moraes AC**, Toazza Oliveira PV, Rendo-Urteaga T, Gracia-Marco L, Forjaz CLM, Moreno LA, Carvalho HB. Assessment of physical activity intensity and duration in the paediatric population: evidence to support an a priori hypothesis and sample size in the agreement between subjective and objective methods. *Obes Rev.* 2018 Mar 24.
21. **De Moraes AC**, Nascimento-Ferreira MV, Toazza-Oliveira PV, Forjaz CLM, Aristizabal JC, Santaliesra-Pasías AM, Lepera C, Nascimento-Junior WV, Skapino E, Delgado CA, Moreno LA, Carvalho HB. Reliability and Validity of a Questionnaire for Physical Activity Assessment in South American Children and Adolescents: The SAYCARE Study. *Obesity*. 2018 Mar;26 Suppl 1:S23-S30.
22. Nascimento-Ferreira MV, **De Moraes AC**, Rendo Urteaga T, Oliveira PVT, Moreno LA, Barbosa Carvalho H. Impact of methodological approaches in the agreement between subjective and objective methods for assessing screen time and sedentary behavior in pediatric population: a systematic review. *Nutr Hosp.* 2019 Apr 10;36(2):449-462.
23. **De Moraes AC**, Vilanova-Campelo RC, Torres-Leal FL, Carvalho HB. Is Self-Reported Physical Fitness Useful for Estimating Fitness Levels in Children and Adolescents? A Reliability and Validity Study. *Medicina (Kaunas)*. 2019 Jun 18;55(6).
24. Forkert ECO, **De Moraes AC**, Carvalho HB, Manios Y, Widhalm K, González-Gross M, Gutierrez A, Kafatos A, Censi L, De Henauw S, Moreno LA. Skipping breakfast is associated with adiposity markers especially when sleep time is adequate in adolescents. *Sci Rep.* 2019 Apr 23;9(1):6380.
25. **De Moraes AC**, Carvalho HB, McClelland R, Diez-Roux A, Szklo M. Sex and ethnicity modify the associations between individual and contextual socioeconomic indicators and ideal cardiovascular health: MESA Study. *J Public Health.* 30;41:e237-e244, 2019.
26. Collese TS, **De Moraes AC**, Fernández-Alvira JM, Michels N, De Henauw S, Manios Y, Androutsos O, Kafatos A, Widhalm K, Galfo M, Beghin L, Sjöström M, Pedrero-Chamizo R, Carvalho HB, Moreno LA; HELENA Study Group. How do energy balance-related behaviors cluster in adolescents? *Int J Public Health.* 2018 Dec 4.
27. Rendo-Urteaga T, **De Moraes AC**, Torres-Leal FL, Manios Y, Gottand F, Sjöström M, Kafatos A, Widhalm K, De Henauw S, Molnár D, Marcos A, González-Gross M, Ferrari M, Carvalho HB, Moreno LA. Leptin and adiposity as mediators on the association between early puberty and several biomarkers in European adolescents: the HELENA Study. *J Pediatr Endocrinol Metab.* 2018 Nov 27;31(11):1221-1229.
28. Lopez A; Serruya RA; Barchuk M; Gaitan D; Torres-Leal FL; Moreno LA; Carvalho HB; **De Moraes AC**; Berg G. Sampling and processing blood samples within the South American Youth/Child cARdiovascular and Environmental (SAYCARE) Study. *Scientific Reports*, 2020.
29. González-Zapata LI, Restrepo-Mesa SL, Aristizabal JC, Skapino E, Collese TS, Azzaretti LB, Nascimento-Junior WV, Moreno LA, **De Moraes ACF**, Carvalho HB, Estrada-Restrepo A. Reliability and validity of body weight and body image perception in children and adolescents from the South American Youth/Child Cardiovascular and Environmental (SAYCARE) Study. *Public Health Nutr.* 2019 Apr;22(6):988-996.
30. Collese TS, Vatavuk-Serrati G, Nascimento-Ferreira MV, **De Moraes AC**, Carvalho HB. What is the Validity of Questionnaires Assessing Fruit and Vegetable Consumption in Children when Compared with Blood Biomarkers? A Meta-Analysis. *Nutrients.* 2018 Oct 1;10(10).
31. Collese TS; Vatavuk-Serrati G; Nascimento-Ferreira MV; **De Moraes AC**; Carvalho HB. What



is the Validity of Questionnaires Assessing Fruit and Vegetable Consumption in Children when Compared with Blood Biomarkers? A Meta-Analysis. *Nutrients*, v. 10, p. 1396, 2018.

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### **Congress Presentations**

1. **De Moraes AC**, Nascimento-Ferreira MV, Hunt ET, Virostko J, Tapert SS, Kohl III, HW. Life Essential 8 is Positively Associated With a Higher Executive Cognitive Function in US Children - ABCD Study. Scientific Session 2023. Philadelphia, PA.
2. Freitas NR; **De Moraes AC**. The COVID-19 pandemic and limited preseason activities increase the anterior cruciate ligament injuries in the National Football League. In: 56st Annual Meeting, Society for Epidemiologic Research, 2023, Portland.
3. **De Moraes AC**. New Frontiers in the Assessment and Prediction of Healthy Nutrition, Food Insecurity, Obesity, and Health Inequalities. Texas Association of Community Health Centers Conference. Georgetown 2023.
4. Freitas NR; De Moraes AC. The COVID-19 pandemic and limited preseason activities increase the anterior cruciate ligament injuries in the National Football League. In: 56st Annual Meeting, Society for Epidemiologic Research, 2023, Portland.
5. Araujo-Moura K; Nascimento-Ferreira MV; Schaan BD; Bloch K; Carvalho KM; Cureau FV; **De Moraes AC**. Serum vitamin D levels mediate the association between physical activity and blood pressure in adolescents. In: 55st Annual Meeting, Society for Epidemiologic Research, 2022, Chicago.
6. Nascimento-Ferreira MV; Carvalho JA; Nascimento EP; Maciel ES; **De Moraes AC**. The 24-hour Movement Guidelines Adherence During the COVID-19 Pandemic in Undergraduate Students from Low-Income Region. American Heart Association - EPI/Lifestyle 2022, Chicago.
7. Carvalho HB, Moreno LA, Berg G, Bove MI, Torres-Leal FL, **De Moraes AC**. New frontiers in pediatric nutritional and cardiovascular health: Novel methods to improve the validity measurements in low-in-middle income countries - SAYCARE Study. In: 51st Annual Meeting, Society for Epidemiologic Research, 2018, Baltimore. 51st Annual Meeting Abstract Book, 2018, v. 1. p. 143-143.
8. **De Moraes AC**, Forkert ECO, Aristizabal JC, Carvalho HB. Neighborhood environment walkability in South American children and adolescents: Multilevel validation study. In: 51st Annual Meeting, Society for Epidemiologic Research, 2018, Baltimore. 51st Annual Meeting Abstract Book, 2018. v. 1. p. 199-199.
9. Nascimento-Ferreira MV; **De Moraes AC**; Carvalho HB; Moreno LA; Torres-Leal FL. Prevalence of general and abdominal obesity and its association with socioeconomic variables in Brazilian adolescents from low-income region. In: IEA 20th World Congress of Epidemiology, 2014, Anchorage. 20th IEA World Congress of Epidemiology, 2014. v. 1. p. 457-458.
10. **De Moraes AC**; Gracia-Marco L; Iglesia I; González-Gross M; Breidenassel C; Ferrari M; Molnar D; Gómez-Martínez S; Widhalm K; Moschonis M; Kafatos A; Cuenca-García M; Sjöström M; Gottrand, F.; Carvalho HB; Moreno LA. Vitamins serum concentrations' are associated with blood pressure in European adolescents. The HELENA study. In: 20th International Congress of Nutrition, 2013, Granada. *Annals Nutrition and Metabolism*, 2013. v. 63. p. 418-418.
11. **De Moraes AC**; Carvalho HB; Widhalm K; Jiménez-Pavón D; Heredia F; Moschonis G; Beghin L; Gottrand F; Sjöström M; Censi L. Waist circumference and waist-for-height are related with blood pressure in adolescents: difference between genders through a multilevel analysis. In: 3rd International Congress on Abdominal Obesity, 2012, Québec City. *CMR Journal*, 2012. v. 5. p. 80-80.
12. **De Moraes AC**; Carvalho HB; Rey-López JP; Gracia-Marco L; Beghin L; Kafatos A; Jiménez-Pavón D; Molnar D; Moreno LA. Efecto de la actividad física y del comportamiento sedentario sobre la presión arterial en adolescentes: diferencias de género en dos estudios observacionales. In: XIV Congreso de la Sociedad Española de Nutrición, 2012, Zaragoza. XIV Congreso de la Sociedad Española de Nutrición. Zaragoza, 2012. v. 1. p. 39.
13. **De Moraes AC**; Carvalho HB; Gracia-Marco L; Rey-López, J.P.; Moreno, L.A.; Widhalm K; Beghin L; Gottrand F; Kafatos A; Jiménez-Pavón D; De Henauw, S.; Ruiz, J.R.; Sjöström M;



Polito, A.; Marcos A; Heredia F. Sedentary screen time is associated with abdominal obesity in adolescents: a multilevel analysis. In: Obesity 2012 - 30th Annual Scientific Meeting, 2012, San Antonio. Obesity 2012 - 30th Annual Scientific Meeting. San Antonio, 2012. v. 1. p. 78.

14. **De Moraes AC**; Hawk, Mario Cicero. Sedentary behavior in adolescents: prevalence and associated cardiovascular risk factors. In: 7 Brazilian Congress of Physical Activity and Health, 2009 Ipojuca-PE. Brazilian Journal of Physical Activity and Health, 2009. v. 14. p. 160-160.

### **Academic Advisory at UTHealth at Houston School of Public Health in Austin**

#### **Past**

##### Master in Public Health Academic Advisor

1. Mahna Alyami. Begin 2023. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology) – Under my indication Inducted to Delta Omega Honorary Society in Public Health.
2. Martin Y. Ma. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology) – Under my indication Inducted to Delta Omega Honorary Society in Public Health.
3. Shasshank Nayak. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology) – Under my indication Inducted to Delta Omega Honorary Society in Public Health.
4. Mahima Viswanathan. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology) – Under my indication Inducted to Delta Omega Honorary Society in Public Health.
5. Doorothy J. Woods. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology) – Under my indication Inducted to Delta Omega Honorary Society in Public Health.

#### **Current**

##### Master in Public Health Academic Advisor

6. Anuja Gadve. Begin 2023. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).
7. Jaden Gray. Begin 2023. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).
8. Mahvish Z. Kazmi. Begin 2023. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).
9. Minha Ahmed Khan. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).
10. Simrah Sohail. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).

##### Doctorate in Public Health Academic Advisor

1. Mahna Alyami. Begin 2022. The University of Texas Health Science Center at Houston, School of Public Health (Major in Epidemiology).

##### Master's Thesis

2. Letícia Gabrielle Souza. Begin 2022. (Master's in Public Health) - School of Public Health, University of Sao Paulo. (Advisor).

##### Ph.D. Thesis

1. Bruno Sampaio. Begin: 2022. Tese (Ph.D. in Epidemiology) - School of Public Health, University of Sao Paulo. (Advisor).
2. Raytta Silva Viana. Begin: 2021. Tese (Ph.D. in Epidemiology) - School of Public Health, University of Sao Paulo. (Advisor).
3. Keisyanne de Araujo Moura. Begin: 2020. Tese (Ph.D. in Public Health) - School of Public Health, University of Sao Paulo, São Paulo Research Foundation (FAPESP, #2019/24224-1). (Advisor).

### **Academic Advisory - Concluded**

#### **Scientific Initiation**



1. Andressa Costa Marcelino. 2020. Scientific Initiation, School of Public Health, University of Sao Paulo, Scholarship, Brazilian National Council for Scientific and Technological Development (CNPq, # 2020-1055. (Advisor).
2. Leticia Gabrielle de Assis Souza. 2019. Scientific Initiation, School of Public Health, University of Sao Paulo, Scholarship, São Paulo Research Foundation (FAPESP, #2019/13527-3). (Advisor).
3. Gabriele da Luz Mello. 2019. Scientific Initiation, School of Public Health, University of Sao Paulo, Scholarship, São Paulo Research Foundation (FAPESP, # 2019/10852-0). (Advisor).
4. Gabriela Vatauvuk Serrati. 2018. Scientific Initiation, Medical School, University of Sao Paulo, Scholarship, São Paulo Research Foundation (FAPESP, # 2018/02452-0). (Advisor).
5. Maria Beatriz Lacerda. 2012. Scientific Initiation, Medical School, University of Sao Paulo, Scholarship, São Paulo Research Foundation (FAPESP). (Advisor).
6. Raphael Assali Serruya. Begin: 2014 Scientific Initiation (Undergraduate Student in Medicine) - Medical School, University of Sao Paulo, São Paulo Research Foundation (FAPESP #2015/18876-5) (Advisor).

#### Master's Thesis

1. Guilherme Augusto de Oliveira. Begin: 2021. Dissertation (Master's in Public Health) - School of Public Health, University of Sao Paulo. (Advisor).
2. Vanessa Cassia Medeiros de Oliveira. Begin: 2020. Dissertation (Master's in Public Health) - School of Public Health, University of Sao Paulo, Brazilian National Council for Scientific and Technological Development. (Advisor).
3. Tatiana Sadalla Collese. Begin: 2014. Dissertation (Master's in Science) - Medical School, University of Sao Paulo, Scholarship, Foundation for the São Paulo State Research. (Co-advisor).

#### Ph.D. Thesis

1. Elsie Costa de Oliveira Forkert. Begin: 2015. Thesis (Ph.D. in Medicine (Preventive Medicine)) - Medical School, University of Sao Paulo, Scholarship Coordination of Higher Education Personnel Training. (Co- Advisor).