

DUKE UNIVERSITY MEDICAL CENTER

CURRICULUM VITAE

**for
Permanent Record
and the
Appointments, Promotions and Tenure Committee**

Date Prepared: Mar 10, 2025

Name (complete with degrees): João Ricardo Nickenig Vissoci, MSc, MBA, PhD

Primary academic appointment (department):

Associate professor, Department of Emergency Medicine

Primary academic department (not DUAP): Department of Emergency Medicine

Secondary Academic Appointment (Department):

Associate professor, Department of Neurosurgery

Associate research professor, Duke Global Health Institute

Associate research professor, Department of Biostatistics and Bioinformatics

Date and rank of first Duke faculty appointment: Assistant Professor of Surgery, Track V
(Jan 01, 2017)

Date of birth: 10/20/1984

Place (include city/state/country): Ponta Grossa/Paraná/Brazil

Citizen of: Brazil

Visa Status (if applicable): H1B

<u>Education:</u>	<u>Institution</u>	<u>Date (Year)</u>	<u>Degree</u>
High School	Colégio São Camilo Arapongas, Paraná, Brazil	1999-2001	Diploma
College	State University of Maringá Maringá, Paraná, Brazil	2002-2006	B.A. (Psychology & Clinical Training)
Graduate School	State University of Londrina Londrina, Paraná, Brazil	2007-2009	M.B.A.(Human Resources)

Graduate School	State University of Maringá Maringá, Paraná, Brazil	2007-2009	M.Sc. (Sports Sciences)
Graduate School	Pontificia Universidade Católica de São Paulo, São Paulo, São Paulo, Brazil	2011-2015	Ph.D.(Social Psychology)
Graduate School	Institute of Data Science, University of Maastricht	2021-current	Ph.D candidate (Data Science)

Professional training and academic career (chronologically commencing with first postdoctoral position):

<u>Institution</u>	<u>Position/Title</u>	<u>Dates</u>
Centro Universitário Ingá – Uningá, Maringá, Paraná, Brazil	Assistant Professor, Director of Public Health Research	2009-2016
University of São Paulo São Paulo, São Paulo, Brazil	Postdoctoral Associate	2015
Duke University Durham, NC	Postdoctoral Associate	2016
State University of Maringá	Visiting Professor, Graduate Program of Health Sciences	2018 - current
Duke University, Durham/NC	Assistant professor, Surgery and Neurosurgery Department	2017 - current
Duke University, Durham/NC	Research Design and Analysis Core, Duke Global Health Institute	2018 - current
Duke University, Durham/NC	co-Director of the Global Emergency Medicine Innovation and Implementatino Research Center (GEMINI)	2020 - current
Duke University, Durham/NC	Chief, Division of Translational Health Science, Department of Emergency Medicine	2022 - current

Publications: (Do not include submitted papers or papers in preparation. List separately those papers in press.)

**1. Refereed journals: (Refereed journals are scientific publications that have active editorial boards and a system of critical review of all submissions for publication.)
(Please number all entries sequentially #1 oldest)**

1. **Vissoci JRN**, Vieira LF, Moraes SMF, Oliveira LP. Athletic aggression: An analysis in sports performance context. Revista da Educação Física/UEM, 18(sppl):1-4, Mar 2007.
2. Hoshino EF, **Vissoci JRN**, Oliveira LP, Vieira LF. Cohesion and High Performance Sport: An indoor soccer team analysis. FIEP Bulletin, 77:676-679, Feb 2007.
3. Vieira JLL, Oliveira LP, Vieira LF, **Vissoci JRN**, Hoshino EF, Fernandes SL. Eating attitude disorder and its relation with body self-image distortion in judo athletes from the state of Parana. Revista da da Educação Física/UEM, 17(2):177-184, May 2008.

4. Vieira LF, Fernandes SL, Vieira JLL, **Vissoci JRN**. Mood states and motor performance: A study with high performance volleyball athletes. *Revista brasileira de cineantropometria e desempenho humano*, 10(1):62-68, Jul 2008.
5. **Vissoci JRN**, Vieira LF, Oliveira LP, Vieira JLL. Motivation and moral attributes in sport. *Revista da Educação Física/UEM*, 19(2):173-182, Oct 2008.
6. Vieira LF, **Vissoci JRN**, Oliveira LP, Vieira JLL. Sport Psychology: An emergent field in Psychology. *Psicologia em Estudo*, 15(2):391-399, June 2010.
7. Pellanda LC, Cesa CC, Belli KC, David VF, Rodrigues CG, **Vissoci JRN**, Bacal F, Kalil RAK, Pietrobon R. Research training program: Duke University and Brazilian Society of Cardiology. *Arquivos Brasileiros de Cardiologia*, 99(6):1075-1081, Dec 2012.
8. **Vissoci JRN**, Fiordelize SS, Oliveira LP, Nascimento Junior JRA. The influence of parental support in the athletic development by female soccer indoor athletes. *Revista Psicologia: Teoria e Prática*, 15(1):145-156, Jan/Apr 2013.
9. Bruggemann Neto JO, Gesser RL, Steglich V, Ferreira APB, Gandhi M, **Vissoci JRN**, Pietrobon R. Validation of the Simple Shoulder Test in a Portuguese-Brazilian Population. Is the Latent Variable Structure and Validation of the Simple Shoulder Test Stable across Cultures? *Plos One*, 8(5):e62890, May 2013.
10. Silva KR, Costa R, Crevelari ES, Lacerda MS, de Moraes Albertini CM, Filho MM, Santana JE, **Vissoci JRN**, Pietrobon R, Barros JV. Glocal Clinical Registries: Pacemaker Registry Design and Implementation for Global and Local Integration – Methodology and Case Study. *Plos One*, 8(7):e71090, Jul 2013.
11. Ehanire T, **Vissoci JRN**, Slaughter K, Coêlho R, Bond J, Rodrigues C, Pietrobon R, Levinson H. A systematic review of the psychometric properties of self-reported scales assessing burn contractures reveals the need for a new tool to measure contracture outcomes. *Wound Repair and Regeneration*, 21(4):520-529, Jul/Aug 2013.
12. **Vissoci JRN**, Nascimento Junior JRA, Oliveira LP, Vieira JLL, Vieira LF. Perceived parental support, self-determined motivation and coping: Validation of a structural equation model. *Revista da Educação Física/UEM*, 24(3):345-358, Sept 2013.
13. Zaveri A, **Vissoci JRN**, Daraio C, Pietrobon R. Using Linked Data to Evaluate the Impact of Research and Development in Europe: A Structural Equation Model. In: Alani H, et al. *The Semantic Web – ISWC 2013. ISWC 2013. Lecture Notes in Computer Science*, 8219:244-259, Oct 2013.
14. Nascimento Junior JRA, **Vissoci JRN**, Balbim GM, Nascimento JV, Vieira LF. Group cohesion in the context of indoor soccer of Parana state: a study on the competitive level of the teams. *Revista Mineira de Educação Física*, 21(1):722-728, Nov 2013.
15. Andrade L, Lynch C, Barbeiro A, Spiecker EM, **Vissoci JRN**, Rodrigues CG, Nihei OK, Carvalho MDB. Spatial distribution of ischemic heart disease mortality in Rio Grande do Sul, Brazil. *HealthGIS'13 Proceedings of the Second ACM SIGSPATIAL International Workshop on the Use of GIS in Public Health*, 1-7, Nov 2013.
16. Rebolledo DCS, **Vissoci JRN**, Pietrobon R, de Camargo OP, Baptista AM. Validation of the Brazilian Version of the Musculoskeletal Tumor Society Rating Scale for Lower Extremity Bone Sarcoma. *Clin Orthop Relat Res*, 471(12):4020-4026, Dec 2013.
17. De Andrade L, **Vissoci JRN**, Finato K, Rodrigues CG, Carvalho E, Pietrobon R, de Souza EM, Nihei OK, Lynch CA, Carvalho MDB. Brazilian Road Traffic Fatalities: A Spatial and Environmental Analysis. *PLoS ONE*, 9(1):e87244, Jan 2014.
18. Annibelli R, Nishimori LE, Pereira MO, **Vissoci JRN**, Corrêa GO, Progiante PS. Relationship

- Between Emotions, Physiological Variables and Pain in Dental Surgery Patients. Brazilian Journal of Surgery and Clinical Research - BJSCR, 5(3):27-32, Feb 2014.
19. Costa LCA, **Vissoei JRN**, Modesto LM, Vieira LF. The meaning of sport practice to basketball athletes in wheelchairs: a social integration and health promotion process. Revista Brasileira de Ciências do Esporte, 36(1):123-140, Jan/Mar 2014.
 20. Nascimento Junior JRA, **Vissoei JRN**, Balbim G, Moreira CR, Pelletier L, Vieira LF. Cross-cultural adaptation and psychometric properties analysis of the sport motivation scale-II for the Brazilian context. Revista da Educação Física/UEM, 25(3):441-458, Sep 2014.
 21. de Andrade L, Lynch C, Carvalho E, Rodrigues CG, **Vissoei JRN**, Passos GF, Pietrobon R, Nihei OK, de Barros Carvalho MD. System dynamics modeling in the evaluation of delays of care in ST-segment elevation myocardial infarction patients within a tiered health system. PloS One, 9(7):e103577, Jul 2014.
 22. Suga USG, Terada RSS, Ubaldini ALM, Fujimaki M, Pascotto RC, Batilana AP, Pietrobon R, **Vissoei JRN**, Rodrigues CG. Factors That Drive Dentists towards or Away from Dental Caries Preventive Measures: Systematic Review and Metasummary. Plos One, 9(10):e107831, Oct 2014.
 23. Nascimento Junior JRA, Ferreira L, **Vissoei JRN**, Silva PN, Caruzzo NM, Vieira JLL. Socioeconomic level and home environment affordances: Implications for infant motor performance. Revista da Educação Física/UEM, 25(4):651-662, Dec 2014.
 24. Benetton CA, Cesa G, El-Kouba Junior G, Ferreira APB, **Vissoei JRN**, Pietrobon R. Agreement of olecranon fractures before and after the exposure to four classification systems. J Shoulder Elbow Surg, 24(3):358-363, Mar 2015.
 25. Ferreira L, Vieira JLL, Cheuczuk F, **Vissoei JRN**, Nascimento Junior JRA, Vieira LF. Impact of the goal orientations in the perception of collective efficacy in the youth volleyball context. Revista Portuguesa de Ciências do Desporto, 15(2):51-83, Mar 2015.
 26. Nascimento Junior JRA, **Vissoei JRN**, Lavallee D, Vieira LF. Adaptation and validation of the Sport Multidimensional Perfectionism Scale-2 (SMPS-2) for the Brazilian sport context. Motriz, 21(2):125-136, Apr/Jun 2015.
 27. Oliveira LP, **Vissoei JRN**, Nascimento Junior JRA, Vieira JLL, Vieira LF, Balbinotti MAA, Peixoto EM. The mediating role of self-determination on the effect of perfectionism in coping strategies in junior football players. Revista Saúde e Desenvolvimento Humano, 3(1):7-16, May 2015.
 28. Benedetto AK, Rutkoski AM, Souza JC, **Vissoei JRN**, Pernocini KV, Rover MF, Mai PH, Viana RC. Psychosomatic in the narratives of recovery of chemical dependency. Revista Uningá Review, 23(3):31-37, Jul/Sep 2015.
 29. Oliveira LP, **Vissoei JRN**, Nascimento Junior JRA, Ferreira L, Vieira LF, Silva PN, Cheuczuk F, Vieira JLL. The impact of perfectionism traits on motivation in high-performance soccer athletes. Revista brasileira de cineantropometria e desempenho humano, 17(5):601-611, Sep 2015.
 30. Vieira LF, Nascimento Junior JRA, Pujals C, Jowett S, Codonhato R, **Vissoei JRN**. Cross-cultural adaptation and psychometric properties of the Brazilian coach-athlete relationship questionnaire (CART-Q) - Athlete Version. Revista brasileira de cineantropometria e desempenho humano, 17(6):635-649, Nov/Dec 2015.
 31. Vieira JLL, Ferreira L, Cheuczuk F, Flores PP, **Vissoei JRN**, Rocha RR, Nascimento Junior JRA, Vieira LF. Impact of coach-athlete relationship on the collective efficacy of young volleyball players. Revista brasileira de cineantropometria e desempenho humano, 17(6):650-660, Dec

2015.

32. Staton CA, **Vissoci JRN**, Gong E, Toomey N, Wafula R, Abdelgadir J, Zhou Y, Liu C, Pei F, Zick B, Ratliff CD, Rotich C, Jadue N, de Andrade L, von Isenburg M, Hocker M. Road Traffic Prevention Initiatives; a systematic review and meta-summary of effectiveness in low and middle income countries. *PLoS One*, 11(1):e0144971, Jan 2016.
33. Staton C, De Silva V, Krebs E, Andrade L, Rulisa S, Mallawaarachchi B, Jin K, **Vissoci JRN**, Ostbye T. High Road Utilizers Surveys Compared to Police Data for Road Traffic Crash Hotspot Localization in Rwanda and Sri Lanka. *BMC Public Health*, 16(53):1-8, Jan 2016.
34. **Vissoci JRN**, de Andrade L, Batilana AP, Carvalho E, Oliveira AC, Calvo PRS, Haglund MM, Staton CA. Improving Interdisciplinary Research Through Educational Trading Zones: A Mixed Methods Approach To Evaluating Communication Patterns Between Physicians and Statisticians. *Revista Eletrônica Gestão & Sociedade*, 10(25):1164-1180, Jan/Apr 2016.
35. Inacio JFS, Rosa MG, Shah J, Rosário JC, **Vissoci JRN**, Manica ALL, Rodrigues CG. Monophasic and Biphasic shock for transthoracic conversion of atrial fibrillation: Systematic review and network meta-analysis. *Resuscitation*, 100:66-75, Mar 2016.
36. Tran TM, Farber SH, **Vissoci JRN**, Fuller AT, Butler EK, Andrade L, Staton C, Makumbi F, Luboga S, Muhumuza C, Chipman JG, Galakande M, Haglund MM. Geographic access and relationship to unmet surgical need in Uganda: a geospatial analysis of a household survey on burden of surgical conditions in Uganda. *Annals of Global Health*, 82(3):564-565, May 2016.
37. Nascimento Junior JRA, Balbim GM, **Vissoci JRN**, Moreira CR, Passos PCB, Vieira LF. Analysis of the relationship between state-anxiety and team cohesion among handball athletes. *Revista Psicologia: Teoria e Prática*, 18(2):89-102, May/Aug 2016.
38. Valentin LSS, Pereira VFA, Pietrobon RS, Schimidt AP, Osés JP, Portela LV, Souza DO, **Vissoci JRN**, Luz VF, Trintoni LMAS, Nielsen K, Carmona MJC. Effects of single low dose of dexamethasone before noncardiac and nonneurologic surgery and general anesthesia on postoperative cognitive dysfunction—A phase III double blind, randomized clinical trial. *Plos One*, 11(5):e0152308, May 2016.
39. Patel A, Krebs E, Andrade L, Rulisa S, **Vissoci JRN**, Staton CA. The epidemiology of road traffic injury hotspots in Kigali, Rwanda from police data. *BMC Public Health*, 16:697, Aug 2016.
40. Patel A, Abraham J, Reid N, Tran T, Tomecsek K, **Vissoci JRN**, Vieira MMC, Eucker S, Gerardo CJ, Staton CA. Quality of the Development of Traumatic Brain Injury Clinical Practice Guidelines; A systematic Review. *PloS One*, 11(9):e0161554, Sep 2016.
41. Oliveira LP, Nascimento Junior JRA, **Vissoci JRN**, Ferreira L, Silva PN, Vieira JLL. Self-determined motivation and coping strategies in football players: A study with players at different stages of athletic development. *Revista Psicología del Deporte*, 25(2):261-269, Nov 2016.
42. Butler EK, Tran TM, Fuller AT, Brammell A, **Vissoci JRN**, Andrade L, Makumbi F, Luboga S, Muhumuza C, Ssennono VF, Chipman JG, Galukande M, Haglund MM, Smith ER. Quantifying the pediatric surgical need in Uganda: Results of a nationwide cross-sectional, household survey. *Pediatric Surgery International*, 32(11):1075-1085, Nov 2016.
43. Bean AM, Ferro LS, **Vissoci JRN**, Rivero T, Groth-Marnat G. The emerging adolescent World of Warcraft video gamer: A five factor exploratory profile model. *Entertainment Computing*, 17:45-54, Nov 2016.
44. Dezman Z, de Andrade L, **Vissoci JRN**, El-Gabri D, Johnson A, Hirshon HM, Staton CA. Hotspots and causes of motor vehicle crashes in Baltimore, Maryland: A geospatial analysis of

- five years of police crash and census data. *Injury*, 47(11):2450-2458, Nov 2016.
45. Farber SH, **Vissochi JRN**, Tran TM, Fuller AT, Butler EK, Andrade L, Staton CA, Makumbi F, Luboga S, Muhumuza C, Namanya DB, Chipman JG, Galukande M, Haglund MM. Geospatial Analysis of unmet surgical need in Uganda: an analysis of SOSAS survey data. *World Journal of Surgery*, 41(2):353-363, Feb 2017.
 46. Gerardo CJ, **Vissochi JRN**, Brown MWJ, Bush SP. Coagulation parameters in copperhead compared to other Crotalinae envenomation: secondary analysis of the F(ab')₂ versus Fab antivenom trial. *Clinical Toxicology*, 55(2):109-114, Feb 2017.
 47. Staton CA, Msilanga D, Kiwango GC, **Vissochi JRN**, de Andrade L, Lester R, Hocker MB, Gerardo CJ, Mvungi M. A prospective registry evaluating the epidemiology and clinical care of Traumatic Brain Injury patients presenting to a regional referral hospital in Moshi, Tanzania. *International Journal of Injury Control and Safety Promotion*, 24(1):69-77, Mar 2017.
 48. Moreira TC, Gadenz CD, Capobianco DM, Figueiró LR, Ferigolo M, **Vissochi JRN**, Barros HMT, Cassol M, Pietrobon R. Factors Associated With Attrition in Randomized Controlled Trials of Vocal Rehabilitation: Systematic Review and Meta-Analysis. *Journal of Voice*, 31(2):259.e29-259.e40, Mar 2017.
 49. Kuo BJ, **Vissochi JRN**, Egger JR, Smith ER, Grant GA, Haglund MM, Rice HE. Perioperative outcomes for pediatric neurosurgical procedures: analysis of the National Surgical Quality Improvement Program–Pediatrics. *Journal of Neurosurgery-Pediatrics*, 19(3):361-371, Mar 2017.
 50. Rocha TA, Silva NC, Thomaz EB, Queiroz RC, Souza MR, Lein A, Rocha JV, Alvares V, Almeida DG, Thumé E, Staton C, **Vissochi JRN**, Facchini LA. Primary Health Care and Cervical Cancer Mortality Rates in Brazil: A Longitudinal Ecological Study. *Journal of Ambulatory Care Management*, 40(2):S24-34, Apr 2017.
 51. Toomey N, El-Gabri D, **Vissochi JRN**, Meier B, Mmbaga B, Bettger JP, Staton C. Post-hospital care for people recovering from acute injuries in low and middle income countries: 5 domains of health management. *Gestão e Sociedade*, 11(29):1704, Apr 2017.
 52. Krebs E, Gerardo CJ, Park LP, **Vissochi JRN**, Byiringiro JC, Byiringiro F, Rulisa S, Thielman N, Staton CA. Mortality Associated Characteristics of Traumatic Brain Injury Patients at the University Teaching Hospital of Kigali, Rwanda. *World Neurosurgery*, 102:571-582, Jun 2017.
 53. Abdelgadir J, Smith ER, Punchak M, **Vissochi JRN**, Staton C, Muhindo A, Kitya D, Park LP, Haglund MM. Epidemiology and Characteristics of Neurosurgical Conditions at Mbarara Regional Referral Hospital. *World Neurosurgery*, 102:526-532, Jun 2017.
 54. Reardon JM, Andrade L, Hertz J, Kiwango G, Teu A, Pesambili M, El-Gabri D, Hocker M, Mvungi M, **Vissochi JRN**, Staton CA. The Epidemiology and Hotspots of Road Traffic Injuries in Moshi, Tanzania: an observational study. *Injury*, 48(7):1363-1370, Jul 2017.
 55. Rocha TAH, da Silva NC, Amaral PV, Barbosa ACQ, **Vissochi JRN**, Rocha JVM, Alvares V, de Almeida DG, Thumé E, Thomaz EBAF, Queiroz RCS, Souza MR, Lein A, Staton CA, Lopes DP, Facchini LA. Addressing geographic access barriers to emergency care services: a national ecologic study of hospitals in Brazil. *International Journal for Equity in Health*, 16:149, Aug 2017.
 56. **Vissochi JRN**, Shogilev D, Krebs E, Andrade L, Vieira IF, Toomey N, Batilana A, Haglund M, Staton CA. Road 5Traffic Injury in Sub-Saharan African Countries: A Systematic Review and Summary of Observational Studies. *Traffic Injury Prevention*, 18(7):767-773, Oct 2017.
 57. Smith ER, **Vissochi JRN**, Rocha TAH, Tran TM, Fuller AT, Butler EK, Andrade L, Makumbi F, Luboga S, Muhumuza C, Namanya DB, Chipman JG, Galukande M, Haglund MM. Geospatial

- analysis of unmet pediatric surgical need in Uganda. *Journal of Pediatric Surgery*, 52(10):1691-1698, Oct 2017.
58. Rocha TAH, Thomaz EBAF, Silva NC, Queiroz RCS, Souza MR, Barbosa ACQ, Thumé E, Rocha JVM, Alvares V, Almeida DG, **Vis soci JRN**, Staton CA, Facchini LA. Oral primary care: an analysis of its impact on the incidence and mortality rates of oral cancer. *BMC Cancer*, 17:706, Oct 2017.
 59. Kuo BJ, Vaca SD, **Vis soci JRN**, Staton CA, Xu L, Muhumuza M, Ssenyonjo H, Mukasa J, Kiryabwire J, Nanjula L, Muhumuza C, Rice HE, Grant GA, Haglund MM. A prospective neurosurgical registry evaluating the clinical care of traumatic brain injury patients presenting to Mulago National Referral Hospital in Uganda. *PLoS ONE*, 12(10):e0182285, Oct 2017.
 60. Yen T, Rodrigues CG, Oliveira AC, Calvo PRS, Mather R, Routh J, **Vis soci JRN**. Measuring Patient Preferences Through the Time Trade-Off Method for Orthopedic Conditions on Large Samples. *Revista Eletrônica Gestão & Sociedade*, 12(31):2173-2193, Nov 2017.
 61. Nascimento Junior JRA, **Vis soci JRN**, Lavallee D, Codonhato R, Vieira LF. The Mediating Role of Basic Needs Satisfaction on the Relationship of Perfectionism Traits and Team Cohesion among Elite Futsal Athletes. *International Journal of Sport Psychology*, 48(6):591-609, Nov/Dec 2017.
 62. Rocha TAH, Silva NC, Amaral PV, Barbosa ACQ, Rocha JVM, Alvares V, Almeida DG, Thumé E, Thomaz EBAF, Queiroz RCS, Souza MR, Lein A, Toomey N, Staton CA, **Vis soci JRN**, Facchini LA. Access to emergency care services: a transversal ecological study about Brazilian emergency health care network. *Public Health*, 153:9-15, Dec 2017.
 63. Ploss B, Abdelgadir J, Smith E, Fuller A, **Vis soci JRN**, Muhindo A, Galukande M, Haglund MM. Pilot Use of a Novel Tool to Assess Neurosurgical Capacity in Uganda. *World Neurosurgery*, 108:844-849, Dec 2017.
 64. Amaral PV, Rocha TAH, Barbosa ACQ, Lein A, **Vis soci JRN**. Spatially balanced provision of health equipment: a cross-sectional study oriented to the identification of challenges to access promotion. *International Journal for Equity in Health*, 16:209, Dec 2017.
 65. Gregório GBS, Antunes MD, Acencio FR, **Vis soci JRN**, Oliveira LP. Analysis of a Facebook's fan-page: Enhancement of people with fibromyalgia. *Saúde e Pesquisa*, 10(3):511-518, Dec 2017.
 66. Oliveira LLH, **Vis soci JRN**, Machado WL, Rodrigues CG, Limkakeng AT. Are Well-Informed Potential Trial Participants More Likely to Participate? *Journal of Empirical Research on Human Research Ethics*, 12(5):363-371, Dec 2017.
 67. Patel A, **Vis soci JRN**, Hocker M, Molina E, Gil NM, Staton C. Qualitative Evaluation of Trauma Delays in Road Traffic Injury Patients in Maringá, Brazil. *BMC Health Services Research*, 17:804, Dec 2017.
 68. Abdelgadir J, Punchak M, Smith ER, Tarnasky A, Muhindo A, **Vis soci JRN**, Haglund MM, Kitya D. Pediatric traumatic brain injury at Mbarara Regional Referral Hospital, Uganda. *Journal of Clinical Neuroscience*, 47:79-83, Jan 2018.
 69. Staton CA, **Vis soci JRN**, Toomey N, Abdelgadir J, Chou P, Haglund, Mmbaga BT, Mvungi M, Swahn M. The impact of alcohol among injury patients in Moshi, Tanzania. *BMC Public Health*, 18(1):275, Feb 2018.
 70. **Vis soci JRN**, Hertz J, El Gabri D, Nascimento Jr JRA, de Oliveira LP, Mmbaga BT, Mvungi M, Staton CA. Cross-cultural adaptation and psychometric properties of the AUDIT and CAGE questionnaires in Tanzanian Swahili for a traumatic brain injury population. *Alcohol and Alcoholism*, 53(1):112-120, Jan 2018.

71. Fuller AT, Corley J, Tran TM, Butler EK, **Vis soci JRN**, Andrade L, Makumbi F, Luboga S, Muhumza C, Ssenono VF, Chipman JG, Galukande M, Haglund MM, Smith E. Prevalence of Surgically Untreated Face, Head, and Neck Conditions in Uganda: a Cross-Sectional Nationwide Household Survey. *World Neurosurgery*, 110:e747-e754, Feb 2018.
72. Sakamoto JT, Ward HB, **Vis soci JRN**, Eucker SA. Are nonpharmacologic pain interventions effective at reducing pain in adult patients visiting the emergency department? A systematic review and meta-analysis. *Academic Emergency Medicine*, 25(8):940-957, Mar 2018.
73. **Vis soci JRN**, Oliveira LP, Nascimento Junio JRA, Nakashima FS, Machado WL, Ciampa AC, Codonhato R, Fiorese L. Is sport a context for fostering emancipation or colonization in the identity formation process? *Revista Psicologia del Deporte*, 27(4):59-65, Mar 2018.
74. Nakashima FS, Nascimento Junior JRA, **Vis soci JRN**, Vieira LF. Parental involvement in the development process of the sporting career among former athletes of the rhythmic gymnastics Brazilian team: building a theoretical model. *Revista Brasileira de Ciências do Esporte*, 40(2):184-196, Apr-Jun 2018.
75. **Vis soci, JRN**, Rocha TAH, da Silva NC, Queiroz RCS, Thomaz EBAF, Amaral PVM, Lein A, Branco MRFC, Junior JA, Rodrigues ZMR, da Silva AAM, Staton C. Zika virus infection and microcephaly: Evidence regarding geospatial associations. *PloS Neglected Tropical Diseases*, 12(4):e0006392, Apr 2018.
76. **Vis soci JRN**, Vaca SD, El Gabri D, de Oliveira LP, Mvungi M, Mmbaga BT, Haglund M, Staton CA. Cross-cultural adaptation and psychometric properties of the Kessler Scale of Psychological Distress to a traumatic brain injury population in Swahili and the Tanzanian setting. *Health and Quality of Life Outcomes*, 16(1):147, Jul 2018.
77. Appenteng R, Nelp T, Abdelgadir J, Weledji N, Haglund M, Smith E, Obiga O, Sakita FM, Miguel EA, Vissoci CM, Rice H, **Vis soci JRN**, Staton C. A systematic review and quality analysis of Pediatric Traumatic Brain Injury Clinical Practice Guidelines. *PloS One*, 13(8):e0201550, Aug 2018.
78. Codonhato R, **Vis soci JRN**, Nascimento Junior JRA, Mizoguchi MV, Vieira LF. Impact of resilience on stress and recovery in athletes. *Revista Brasileira de Medicina do Esporte*, 24(5):352-356, Sep 2018.
79. De Silva V, Tharindra H, **Vis soci JRN**, Andrade A, Mallawaarachchi BC, Ostbye T, Staton CA. Road traffic crashes and built environment analysis of crash hotspots based on local police data in Galle, Sri Lanka. *International Journal of Injury Control and Safety Promotion*, 25(3):311-318, Sep 2018.
80. Fagundes DM, Thomaz EBAF, Queiroz RCS, Rocha TAH, Silva NC, **Vis soci JRN**, Calvo MCM, Facchini LA. Dialogues on the work process in oral health in Brazil: an analysis based on the PMAQ-AB survey. *Cad. Saúde Pública*, 34(9):e00049817, Sep, 2018.
81. Staton CA, **Vis soci JRN**, Wojcik RR, Hirshon JM, Mvungi M, Mmbaga BT, Swahn M. Perceived barriers by healthcare providers for screening and management of excessive alcohol use in an emergency department of a low-income country. *Alcohol*, 71:65-73, Sep 2018.
82. Sharif-Askary B, Bittar PG, Farjat AE, Liu B, **Vis soci JRN**, Allori ACA. Geospatial analysis of risk factors contributing to loss to follow-up in cleft lip/palate care. *Plastic and Reconstructive Surgery Global Open*, 6(9):e1910, Sep 2018.
83. Smith ER, Water BJ, Martin A, Barton SJ, Seider J, Fitzgibbon C, Bility MM, Ekeji N, **Vis soci JRN**, Haglund MM, Bettger JP. Availability of post-hospital services supporting community reintegration for children with identified surgical need in Uganda. *BMC Health Services Research*, 18:727, Sep 2018.

84. Waldon M, Ibingira TJ, de Andrade L, Mmbaga BT, **Vissoci JRN**, Mvnugi M, Staton CA. Built Environment Analysis for road traffic hotspot locations in Moshi, Tanzania. *International Journal of Injury Control and Safety Promotion*, 25(3):272-278, Sep 2018.
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N/A
- iii. **Letters** N/A
- iv. **Editorials**

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68. Rocha TAH, Silva NC, Thomaz EBAF, Queiroz RC, Almeida DG, **Vissoci JRN**, Staton C. Mhealth: Dispositivos vestíveis inteligentes e os desafios de um contexto refratário. Proceedings of the 12th Brazilian Conference on Collective Health ABRASCO; Jul 26-29 2018; Rio de Janeiro, BR.

69. Queiroz R, Damasceno AV, Silva FS, Albuquerque LC, Thomaz EB, Almeida RS, Rocha TAH, Silva NC, **Vissoci JRN**, Facchini LA. Análise espacial dos serviços de vacinação nos municípios brasileiros. Proceedings of the 12th Brazilian Conference on Collective Health ABRASCO; 2018 Jul 26-29; Rio de Janeiro, BR.
70. Rocha TAH, Silva NC, Thomaz EB, Pasklan ANP, Tonello AS, Queiroz R, **Vissoci JRN**, Tomasi E, Thume E, Facchini LA. O impacto da atenção primária em saúde na redução da mortalidade infantil através do método do geoprocessamento. Proceedings of the 12th Brazilian Conference on Collective Health ABRASCO; 2018 Jul 26-29; Rio de Janeiro, BR.
71. Ginalis E, Galson S, Meier B, **Vissoci JRN**, Oliveira LPO, Staton C. Mental Health Epidemiology of Traumatic Brain Injury Patients in Moshi, Tanzania. Presented at the American College of Academic International Medicine Congress, ACAIM, 2018.
72. Banafsheh SA, Bittar P, Farjat A, Liu B, **Vissoci JRN**, Allori A. Geospatial Econometric Exploration of Risk Factors for Loss to Followup in Cleft Care. Plastic and Reconstructive Surgery - Global Open. 2018; 6 (4 Suppl): 1-2. doi: 10.1097/01.GOX.0000533867.52980.0a.
73. Salinaro JR, McNally PJ, **Vissoci JRN**, Ellestad S, Nelson B, Broder JS. Towards reducing operator dependence in ultrasound: oriented 3D volumetric imaging of second trimester fetuses and reliability of image volume interpretation by expert and novice raters. Annals of Emergency Medicine. 2018; 72 (4 suppl): S84. doi: 10.1016/j.annemergmed.2018.08.215.
74. Broder JS, Jaffa E, Irons T, Peethumnongsin E, Theophanous R, Limkakeng AT, **Vissoci JRN**, Morgan MR, Herickhoff CD, Dahl JJ. 3D volume ultrasound of the right lower quadrant for diagnosis of appendicitis. Annals of Emergency Medicine. 2018; 72 (4 suppl): S85. doi: 10.1016/j.annemergmed.2018.08.217.
75. **Vissoci JRN**, Rocha TAH, Elahi C, Haglund MM, Staton C. Development of a predictive modeling approach to analysis of patient outcomes related to traumatic brain injury at a emergency center in a low income country. Injury prevention, 2018;24:A191-A192.
76. Krebs E, Luck JF, Nightingale RW, Jayaraman S, **Vissoci JRN**, Rulisa S, Byringiro JC, Staton CA. Mortality predictors in traumatic brain injury due to motorcycle crashes in Rwanda. Traffic Injury Prevention. 2018 Mar 6; 19: suppl 2: S183-S184. doi: 10.1080/15389588.2018.1532234.
77. Staton CA, El Gabri D, Friedman K, Swahn M, Hirshon J, Mvungi M, Mmbaga B, **Vissoci JRN**. Factors Impacting Reporting Behavior of Alcohol Use in Moshi, Tanzania. Proceedings of the 10th Consortium of Universities for Global Health; 2019 Mar 8-10; Chicago, USA.
78. Elahi C, Fuller A, Staton CA, Haglund M, **Vissoci JRN**. Clinical Validity of a Machine Learning Based Predictive Model for Traumatic Brain Injury Patients at a Regional Referral Hospital in Tanzania. Proceedings of the 10th Consortium of Universities for Global Health; 2019 Mar 8-10; Chicago, USA.
79. Gafaar T, Staton CA, Henke O, Pesambili M, **Vissoci JRN**, Mmbaga B. Advance Care Planning and Quality of Death: An Exploratory Study on Perceptions and Attitudes in Northern Tanzania. Proceedings of the 10th Consortium of Universities for Global Health; 2019 Mar 8-10; Chicago, USA.
80. Williams S, Elahi C, Fox S, Mvungi M, Shayo F, Kaino M, Griffin R, Thomaz E, Mmbaga B, Haglund M, **Vissoci JRN**, Staton CA. Impact of Clinical Practice Guidelines for the Acute Management Of Traumatic Brain Injury in the Emergency Department of a Regional Referral Hospital in Moshi, Tanzania. Proceedings of the 10th Consortium of Universities for Global Health; 2019 Mar 8-10; Chicago, USA.
81. Zhao D, Staton CA, Ginalis E, Hirshon J, Sakita F, Swahn M, Mmbaga B, **Vissoci JRN**. Alcohol availability, cost, age of first use and association with at-risk alcohol use in Moshi, Tanzania.

Proceedings of the 10th Consortium of Universities for Global Health; 2019 Mar 8-10; Chicago, USA.

82. Joiner AP, Machado WL, Costa DB, Mhlana M, Chowa P, **Vissochi JRN**, Maseko TN. Derivation of an emergency call center chief complaint category list in Eswatini (formerly Swaziland). Proceedings of the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
83. Elahi C, Barcenás L, **Vissochi JRN**, Joseph S, Krishnamoorthy V, Staton C. Do traumatic brain injury patients treated in the intensive care unit have better outcomes than the surgical ward at a regional referral hospital in Tanzania? Proceedings of the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
84. Barcenás L, Elahi C, Krishnamoorthy V, Joseph S, Sakita F, **Vissochi JRN**, Staton C. Risk factors for deterioration of mild and moderate traumatic brain injury patients in Tanzania. Proceedings of the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
85. **Vissochi JRN**, Friedman K, Oliveira LP, Sakita F, Mmbaga B, Staton CA. Clinical validation of multiple versions of the alcohol use Disorder Identification Test in Moshi, Tanzania. Proceedings of the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
86. Staton C, **Vissochi JRN**, Swahn M, Hirshon JM, Bartlett J, Mmbaga B. Feasibility of a pragmatic randomized adaptive clinical trial of a brief intervention for alcohol use in Moshi, Tanzania. Proceedings of the 42nd Annual Research Society on Alcoholism Scientific Meeting; 2019 June 22-26; Minneapolis, USA.
87. Barcenás L, Mmbaga B, Mvungi M, Staton CA, **Vissochi JRN**. Exploring mental health profiles of traumatic brain injury patients in northern Tanzania. Proceedings of the 42nd Annual Research Society on Alcoholism Scientific Meeting; 2019 June 22-26; Minneapolis, USA.
88. **Vissochi JRN**, Friedman K, Oliveira LP, Sakita F, Mmbaga B, Staton CA. Clinical validation of multiple versions of the alcohol use disorder identification test in Moshi, Tanzania. Proceedings of the 42nd Annual Research Society on Alcoholism Scientific Meeting; 2019 June 22-26; Minneapolis, USA.
89. Staton C, El Gabri D, Friedman K, Swahn M, Hirshon JM, Mvungi M, Mmbaga B, **Vissochi J**. Factors impacting reporting behavior of alcohol use in Moshi, Tanzania. Proceedings of the 42nd Annual Research Society on Alcoholism Scientific Meeting; 2019 June 22-26; Minneapolis, USA.
90. Zhao D, Mmbaga B, Abdullah A, **Vissochi JRN**, Staton CA. Alcohol-related risky behavior patterns and its association with perceived alcohol stigma in Moshi, Tanzania. Proceedings of the 42nd Annual Research Society on Alcoholism Scientific Meeting; 2019 June 22-26; Minneapolis, USA.
91. Kozhumam A, Zadey S, Zhao D, Mmbaga B, Vissochi JRN, & Staton C. (2021, March 12-14). Clinical Validation of the Drinker Inventory of Consequences (DrInC) Scale for Harmful Alcohol Use in Tanzania. [Poster presentation]. The Consortium of Universities for Global Health 2021 Conference, Virtual.

5. Non-refereed publications: (Non-refereed publications are those that frequently solicit articles and do not routinely use a system of critical review prior to publication.)

Print N/A

Digital

1. **Vissochi JRN**, Rodrigues CG, de Andrade L, Santana JE, Zaveri A, Pietrobon R. A

framework for reproducible, interactive research: Application to health and social sciences. ArXiv Quantum Physics. 2013 Apr; 1: 1-9. arXiv:1304.5688v1.

6. Published scientific reviews (for mass distribution) N/A

7. Position, and background papers N/A

8. Non-authored publications: (Faculty member formally acknowledged in the publication for her/his contributions)

1. Nadarajan GD, Tiah L, Ho AFW, Azazh A, Castren MK, SL Chon, El Sayed MJ, Hara T, Leong BS, Lippert FK, Ma MHM, Ng YY, Ohn HM, Overton J, Pek PP, Perret S, Wallis LA, Wong KD, Ong MEH. Global resuscitation alliance utstein recommendations for developing emergency care systems to improve cardiac arrest survival. *Resuscitation*, 2018;132(-):85-89.
2. Long B, April MD. What History, Examination, and Laboratory Findings Suggest Severe Snake Envenomation? *Annals of Emergency Medicine*. Epub 2019.
3. Espindola M. [Mapped disparity: In scientific article, researchers from UFMG identify the disparities of pediatric surgical care in Brazil]. *Disparidade mapeada: Em artigo, pesquisadores da UFMG identificam as desigualdades que caracterizam o campo do atendimento cirúrgico pediátrico no Brasil*. *Boletim UFMG*. 2019 Sep 16; 2072(45):6. Portuguese.

9. Other N/A

Consultant appointments: (Include US government, state, private organizations, etc.) N/A

Scholarly societies (Alpha Omega Alpha, Sigma Xi, Phi Beta Kappa, etc.): N/A

Professional awards and special recognitions: N/A

Editorial Experience

a. Editorial Boards

2016-2020 *Journal Gestão e sociedade* - Editorial board

b. AdHoc scientific review journals

2010-Present *Physical Education Journal/UEM*

2011-Present *Brazilian Journal of Kinanthropometry and Human Performance*

2013-Present *Clinical Orthopaedics and Related Research*

2015-Present *Health and Quality of Life Outcomes*

2016-Present *Plos One*

Organizations and participation: (Offices held, committee assignments, etc.)

2004-Present Pro-Esporte Research Group - State University of Maringá

2008-2015 Ethical Committee in research with human beings - Uningá

2011-2014 Center of studies and research about identity-metamorphosis - PUC São Paulo
 2012-2015 Affiliate Researcher – Duke Global Health Institute
 2015-2019 Duke Global Neurosurgery and Neuroscience
 2016-Present Psychology and Sport for Health Research Group – UniCesumar/Brazil
 2016-Present Methods, Analytics and Technology for Health Consortium – M.A.T.H
 2018-Present Visiting professor - State University of Maringá - Graduate Program of Health Sciences and Graduate Program in Physical Education

Areas of research interests (basic and applied) - list:

- Research methods, designs and innovation
- Epidemiology, biostatistics and data science
- Latent variable modeling
- Mental health
- Global health

External support (past and present) - gifts, grants, and contracts:

	<u>PI</u>	<u>% Effort</u>	<u>Purpose</u>	<u>Approximate Amount</u>	<u>Duration</u>
a) Past:	Joao Ricardo Nickenig Vissoci	100	PI: Study of the influence of sport's context on identity status of soccer athletes.	\$15,000	2009-2011
	Joao Ricardo Nickenig Vissoci	100	PI: Latent variable modeling in health sciences: application to health outcomes.	\$20,000	2012-2013
	Ricardo Pietrobon	50	co-I: Investigator: Internationalization of clinical databases in Brazil and the training of the next generation of clinical and quantitative comparative effectiveness research	\$100,000	2013-2015
	Joao Ricardo Nickenig Vissoci	20	PI: AUTOMAP-SUS project: A public health epidemiological spatial/geographical vigilance innovation development project	\$50,000	2013-2018

	Joao Ricardo Nickenig Vissoci	20	PI: Evaluating Violence and Health Indicators amongst Brazilian Prisoners	\$75,000	2013-2018
	Joao Ricardo Nickenig Vissoci	N/A	PI: Self-management of mental health and well-being, and reintegration post traumatic brain injury through Integrated Community Therapy in Brazil.	\$3,900	2016
	Joao Ricardo Nickenig Vissoci	N/A	PI: Long term mental health and disability burden of traumatic brain injury patients in Low income countries: A 9 month longitudinal study at Moshi, Tanzania.	\$4,000	2016
	Michael Haglund	15%	Investigator: King Baudouin Foundation (UCB) - Uganda Epilepsy Centers of Excellence	€500,00	2017-2019
	Michael Haglund	N/A	co-I: Duke BASS Connections - Evaluating Interventions Aimed at Improving Neurosurgical Patient Outcomes in Uganda.	\$25,000	2017-2019
	Deborah Koltai	N/A	co-I: Duke BASS Connections - Addressing Cultural and Practical Barriers to Epilepsy Care in Uganda	\$25,000	2017-2018
	Rejane Queiroz	N/A	co-I: Following a prospective cohort of Zika positive women to understand the disease course	R\$1,251,500	2016-2019
	Luciano Andrade	N/A	co-I: Geospatial risk stratification for ischemic heart disease	R\$50,385	2017-2019
	Catherine Staton	2%	1K01 TW010000-01A1	\$500,000	2014-2019

			co-I: Developing a Brief Negotiation Intervention for Alcohol in Tanzania		
	Erika Thomaz	0%	co-I: Gates Foundation - Data-driven risk stratification for preterm birth in Brazil: development of a machine learning based innovation for health care	\$ 130,000	2018-2020
	Charles Gerardo	16%	co-I: Decision-making process of prescribing anti-venom in snake envenomation	76,394.00	2019-2020
	Charles Gerardo	6%	co-I: What are the functionality harms chosen by snakebite envenomation patients responding to the Patient Specific Functional Scale?	\$ 23,941	2019-2020
	Catherine Staton	23%	co-I: NIH 1R21-TW010456-01A1 Developing Capacity to Improve Care Transitions for Injury Patients in Tanzania	\$262,802	2018-2022 NCE 2023
	John Purakal	5%	co-I: Emergency Medicine Foundation Social Determinants of Health and COVID-19 Infection in North Carolina	\$50,000	2019-2020
	Catherine Staton	2%	co-I: NIH 3R21-TW010456-02S1: An Implementation Science based Trauma Registry Data Repository to Improve Injury Care and Policy Globally	\$155,440	2019-2020 NCE 2023
	Anjni Joiner	0%	co-I: DGHI Pilot AI Grants Using Artificial Intelligence for Classification and Surveillance of Emergency Calls	\$25,000	2020-2021
	Joao Vissoci	0%	PI: Josiah Trent	\$2,500	2020-2022

			Endowment Alcohol use behavioral phenotyping in Moshi, Tanzania		
	Charles Gerardo	0%	co-I: Josiah Trent Endowment Decentralizing health care distribution through primary care: Optimizing delivery of anti-venom to snakebite envenomation in remote access areas	\$5,000	2020-2022
	Catherine Staton	0%	co-I: Josiah Trent Endowment Evaluating the influence of self-determination on the effectiveness of a Brief Intervention for reducing harmful alcohol use in ED patients in Moshi, Tanzania	\$2,500	2020-2022
	Anjni Joiner	0%	A comprehensive evaluation of the emergency care system in Moshi, Tanzania: from community needs to regional hospital capacity and capabilities	\$5,000	2020-2022
	Tamara Fitzgerald	5%	Increasing Accessibility of Laparoscopic Surgery in Low- and Middle-Income Countries	\$438,898	2020-2023
b) Present:					
	Catherine Staton	26%	co-I: NIH 1R01-AA027512-01A1 PRACT: A Pragmatic Randomized Adaptive Clinical Trial to Investigate Controlling Alcohol related harms in a Low-Income Setting; Emergency Department Brief Interventions in Tanzania	\$ 2,418,380	2020-2025
	Joao Vissoci	0%	BASS Connections: Understanding Alcohol	\$25,000	2020-2023

			Use Behaviors across Cultures		
	Gustavo Furtado	0%	Amazon Humanities Lab	\$50,000	2020-2023
	Charles Gerardo	15%	co-I: 5R21-TW011944-02 Using community health centers to mitigate the impact of snakebite envenoming in remote areas: Development and formative evaluation of a novel multi-modal intervention in the Brazilian Amazon	\$275,000	2021-2023 NCE 2023
	Charles Gerardo	8%	co-I: NIH 3R21-TW011944-02S1 Impact of climate change and land use on snakebite envenoming in the Brazilian Amazon	\$120,750	2021-2022 NCE 2023
	Catherine Staton	12%	co-I: NIH D43-TW012205-01 The TRECK Program: Trauma REsearch Capacity Building in Kilimanjaro, Tanzania Program Plan	\$1,250,000	2021-2025
	Megan Huchko	5%	co-I: NIH 1R21-CA274665-01 mSaada: A Mobile Health Tool to Improve Cervical Cancer Screening in western Kenya	\$250,000	2022-2024
	Megan Huchko	5%	co-I: NIH 1R01-TW012415-01 Elimisha: A stigma responsive service delivery model for HPV-based screening among women living with HIV	\$606,250	2022-2025
	Joao Vissoci	0%	Climate Data Expeditions: Understanding patient perspective in ED triage: Opportunities to reduce bias in intake psychiatric patients	\$100,000	2022-2024
	Luciano Andrade	0%	DGHI Collaborative Grants: Developing a Machine Learning Algorithm to Guide Diagnostic Imaging for Mild Traumatic Brain Injury Patients in Brazil	\$25,000	2022-2024
	Abiola	0%	DGHI Collaborative	\$25,000	2022-2024

	Fasina-Ayoola		Grants: Characterization of Sepsis in Lagos, Nigeria, and Development of a Locally Relevant Clinical Management Guideline		
	Joao Vissoci	0%	The Josiah Charles Trent Memorial Foundation Endowment Fund: Applying geographic artificial intelligence to identify populations at-risk for tailings dam related disasters and prepare local disaster management plans	\$5,000	2023-2024
	Anna Tupetz	0%	The Josiah Charles Trent Memorial Foundation Endowment Fund: Improving health by addressing unscheduled return visits in the Emergency Department, in Tanzania - A mixed methods pilot study	\$5,000	2023-2024
	Reuben Horace	0%	SAEM RE2022-0000000277 Understanding patient perspective in ED triage: Opportunities to reduce bias in intake psychiatric patients	\$5,000	2023-2024
	Erika Thomaz	0%	CNPq: Intergenerational factors as predictors of weight and linear growth in Brazilian cohorts: a Machine Learning approach	R\$ 500,000	2023-2025
	Joao Vissoci	0%	The Josiah Charles Trent Memorial Foundation Endowment Fund: Integrating Surgery, Anesthesia, and Obstetric (SAO) Indicators in India's Health Programs and Policies	\$10,000	2024-2025
	Charles Gerardo	0%	The Josiah Charles Trent Memorial Foundation Endowment Fund: Mixed-methods formative evaluation of a culturally- and contextually-relevant care package for snakebite envenoming in the Brazilian	10,000	2024-2025

			Amazon		
	Joao Vissoci	0%	Center for Latin America and the Caribbean (CLACS) Faculty Travel Grants: ViVERA Project (Vigilance of Viruses Emerging in the Amazon)	\$3,000	2024-2025
	Joao Vissoci/ Blandina Mmbaga	0%	DGHI Data Capacity Grant: Development of a data governance strategy at Kilimanjaro Christian Medical Centre (KCMC): A case study of GEMINI research center studies at KCMC	\$25,000	2024-2025
	Erika Thomaz	0%	CNPq/Brazil: Fatores intergeracionais como preditores do crescimento ponderal e linear em coortes brasileiras: abordagem por meio de Machine Learning	R\$500,000	2024-2025
c) Pending:					
	Wuelton Monteiro	10%	UKRI/MRC MR/Y006259/1: Implementation Of A Culturally Tailored Decentralization Programme For Snakebite Treatment In Indigenous Communities In The Brazilian Amazonia	£ 1,115,854	2024-2028
	Anjni Joiner	1%	NIH R21/R33: Using Artificial Intelligence to Guide Targeted Physical Therapy to Older Adult Emergency Department Patients at Risk of Fall	\$634,549	2024-2029
	Brandon Knettel	5.8%	NIH R34: Adapting a Telehealth Intervention for Suicide Prevention In Patients with Alcohol Use Disorder in Tanzania	\$655,760	2024-2026
	Blandina Mmbaga/ Catherine Staton	5%	NIH R21: Improving care for older adult trauma patients in Tanzania: guidelines	\$360,284	2024-2026

			adaptation for low-resource setting		
	Joao Vissoci	10%	NIH R21: Kuishi-TBI App: A Mobile Health Application for Traumatic Brain Injury Care in Moshi, Tanzania	\$274,074	2024-2026
	Catherine Staton	1%	NIH R21: Reducing generational harm through a culturally-adapted alcohol harm reduction intervention for women in Moshi, Tanzania	\$376,151	2024-2026
	Catherine Staton	0%	NIH R03: Cost-effectiveness of implementing a culturally adapted Brief Negotiation Intervention to reduce alcohol use among adult injury patients in Northern Tanzania	\$153,091	2024-2026
	Osondu Ogbouji	10%	NIHR158697: Reducing health access inequalities through improved performance of health posts in Rwanda and southern Sudan	£ 3,967,371	2024-2029
	Blandina Mmbaga	10%	Gates Foundation: Improving Treatment Services and Policies for people living with HIV/AIDS through Data Science capacity building and modeling in Tanzania	\$953,000	2024-2025
	Catherine Staton	5%	NIH R34: PRICE- Alcohol: Planning the Regional Implementation of a Culturally Adapted Brief Intervention for Alcohol for Tanzanian Emergency Departments	\$622,509	2024-2027
	Joao Vissoci	25%	NIH R01: Capacity Building to Improve Risk Assessment of Traumatic Brain Injury	\$3,277,433	2024-2029

			Patients and Guide Health System Optimization in Tanzania		
	William Pan	?	P20	?	?
	Catherine Staton	26%	NIH R01 Supplement: PRACT: A Pragmatic Randomized Adaptive Clinical Trial to Investigate Controlling Alcohol-related Harms in a Low-Income Setting; Emergency Department Brief Interventions in Tanzania	\$650,312	2024
	Fernando Val	0%	FAPEAM/Brazil: Dinâmica climática, saúde populacional e a resiliência do sistema de saúde: potenciais agravos respiratórios, cardiovasculares, psicológicos e infecciosos e suas sequelas em populações ribeirinhas, indígenas e urbanas do Amazonas. Estudo CLIMADIS Amazonas	\$500,000	2024-2025
	Elina Hodges	10%	Global Impact: VaXSocial Evaluation Consortium	\$500,000	2024-2025
	Emily Smieth	5%	Emergency Medicine Foundation: Identifying Drivers of Children's Health Disparities in the Emergency Departmen	\$100,000	2024-2026
	Joao Vissoci	10%	Emergency Medicine Foundation: Climate Change Emergency Care Sensitive Conditions and Health System Resiliency in the Brazilian Amazon	\$100,000	2024-2026
	Lauren Swieny	5%	Emergency Medicine Foundation: Enhancing Emergency Department Sickle Cell Patient Flow Efficiency through AI-Supported Initial Clinical Evaluation Protocols	\$100,000	2024-2025
	Kendrick Kennedy	10%	Emergency Medicine Foundation: Fostering Trust and Equity: A Solution-Oriented Approach to Law Enforcement Interactions	\$200,000	2024-2026

			in the Emergency Department		
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Mentoring activities N/A**i. Faculty**

2018 - 2020 Sreeja Natesan, Duke Emergency Department, Duke University
 2019 - 2023 Anjni Joiner, Duke Emergency Department, Duke University
 2019 - 2023 John Purakal, Duke Emergency Department, Duke University
 2019 - current Leonardo Pestillo de Oliveira, UniCesumar, Brazil
 2020 - current Noah Rosenberg, Department of Emergency Medicine, University of Botswana
 2021 - current Emily Smith, Duke Emergency Department, Duke University
 2022 - current Sharla Rent, Department of Pediatrics, Duke University
 2022 - current Elizabeth Keating, Department Emergency Medicine, University of Utah
 2022 - current Kendrick Kennedy, Duke Emergency Department, Duke University
 2023 - current Anna Tupetz, Duke Emergency Department, Duke University
 2023 - current Lauren Siewny, Duke Emergency Department, Duke University

ii. Fellows, doctoral, post docs N/A**Fellows**

2023-2024 Carri Pollack - Department of Psychiatry, Duke University
 2023-2024 Elizabeth Jeter - R35 HIV Quantitative Sciences Fellows - Biostatistics and
 Bioinformatics Department, Duke University

Postdoctoral fellowships:

2017-2018 Érika Thomaz - Federal University of Maranhão, João Pessoa, Maranhão, Brazil
 Following a prospective cohort of Zika positive women to understand the disease course
 2017-2018 Rejane Queiroz - Federal University of Maranhão, João Pessoa, Maranhão, Brazil
 Following a prospective cohort of Zika positive women to understand the disease course
 2018-2020 Luciano Andrade - State University of Maringá, Maringá, Paraná, Brazil
 Geospatial analysis and microplanning for health campaigns.
 2017-2018 Núbia Cristina Rocha - Federal University of Minas Gerais, Belo Horizonte, Minas
 Gerais, Brazil
 PMAQ: Primary health care quality assessment
 2017-2019 Leonardo Pestillo de Oliveira, PhD - UniCesumar, Maringá, Paraná, Brazil
 Latent variable modeling and psychometric measurement for alcohol use, mental health
 and functionality in global health context.
 2019 - 2022 Thiago Hernandez Rocha - Duke University School of Medicine, Department of Surgery,
 Division of Emergency Medicine
 Data science, health care access and equity
 2019 - 2023 Anna Tupetz, DPT - Duke University School of Medicine, Department of Emergency
 Medicine
 Transitions of care and rehabilitation in low and middle income countries
 2023 - current Joao Vitor Souza - Duke University School of Medicine, Department of Emergency

Medicine

Artificial Intelligence and its application to EM Operations

2023 - current Kiana Bess - Duke University School of Medicine, Department of Emergency Medicine
Neighborhood communities, geospatial analysis and social determinants of health

Doctoral fellowships:

2017-2018 Thiago Hernandes Rocha - Federal University of Minas Gerais, Belo Horizonte, Minas Gerais, Brazil

PMAQ: Primary health care quality assessment

2019-2020 Nayara Malheiros Caruzzo - State University of Maringá, Maringá, Paraná, Brazil
Attachment and Mental toughness

2021-2022 Lincoln Luis Silva - State University of Maringá, Maringá, Paraná, Brazil
Microplanning for vaccines delivery in Brazil

2021-2022 Vanessa Menegassi - State University of Maringá, Maringá, Paraná, Brazil
Psychometric evaluation of a scale to evaluate positioning and performance of football players.

2023-2024 Natan Nascimento - State University of Maringá, Maringá, Paraná, Brazil
Mortality of LGBTQ+ victims of violence in the state of Paraná.

2023-2024 Gabriela Nascimento - State University of Maringá, Maringá, Paraná, Brazil
Sexually Transmitted Infections in neonates in Brazil: trends and future excess fraction.

2024-2025 Lais Moura - Federal University of São Paulo, São Paulo, Brazil
Epigenetics of alcohol use disorders and its association with behavioral and neuropsychological indicators.

Doctoral students:

2020-2024 Valdilene Wagner - State University of Maringá, Maringá, Paraná, Brazil
Capoeira as an intervention for mental health, resilience and autonomy for people with disability.

2021-2025 Daiane Silva - State University of Maringá, Maringá, Paraná, Brazil
Developing an early notification system for drug resistant tuberculosos using artificial intelligence and geographical information systems.

2021-2025 Catherine Ann Staton - State University of Maringá, Maringá, Paraná, Brazil
Translating and culturally adapting an emergency department led brief interventions to reduce

Non-Duke Master students:

2014-2016 Aline Chotte Oliveira - Masters in Research methods and Innovation, Cardiology Institute, Porto Alegre, Rio Grande do Sul, Brazil.

(Co-mentor) AUTOMAP-SUS project: A public health epidemiological spatial/geographical vigilance innovation development project

2017-2019 Eliane Maria Spiecker - Master in Health Sciences; State University of Maringá, Maringá, Paraná, Brazil.

Association of multimorbidity and suicide ideation in the Brazilian population

2019-2021 Yuri Roas - Master in Health Sciences; State University of Maringá, Maringá, Paraná, Brazil.

Ecological study of the association of sports and physical activities promotion areas and hypertension/diabetes rates in Maringá.

2019-2021 Luis Fernando Aguera - Master in Health Sciences; State University of Maringá, Maringá, Paraná, Brazil.

Feasibility and applicability of smartphone application for risk stratification of traumatic brain injury in Brazil.

2019-2021 Jaqueline Gazque - Masters in Physical Education; State University of Maringá, Maringá, Paraná, Brazil.

Dynamics of the PHQ9 indicators of depression and its association with physical activity: A network analysis of a large national health survey in Brazil

2020-2022 Bianca Dezordi - Masters in Physical Education; State University of Maringá, Maringá, Paraná, Brazil.

2022-current Giane Foratto - Master in Health Sciences; State University of Maringá, Maringá, Paraná, Brazil.

Re-hospitalizations in a national health survey in Brazil.

Duke Master students:

2013-2015 Tendai Kwaramba - Masters of Science, GH; Duke Global Health Institute
(Site-mentor) Understanding Family and Interpersonal Violence Epidemiology and Underreporting in Parana Brazil

2014-2016 Nicole Toomey - Masters of Science, GH; Duke Global Health Institute
(Site-mentor) Examining factors affecting care seeking for injury patients, Maringa Brazil

2015-2017 Adriana Lein - Masters of Science, GH; Duke Global Health Institute
An Ecological Analysis of Predictors of Hospitalizations for Primary Care Sensitive Conditions under Brazil's Family Health Strategy

2015-2017 Benjamin Kuo - Masters of Science, GH: Duke Global Health Institute
(Co-mentor) Traumatic Brain Injury in Uganda

2015-2017 Joseph Incorvia - Masters of Science, GH: Duke Global Health Institute
(Co-mentor) Mixed-Method Analysis of Barriers to Surgical Care in Uganda

2015-2017 Deena El-Gabri - Masters of Science, GH: Duke Global Health Institute
(Co-mentor) Perceptions of drinking and drink driving: a mixed method study assessing risky behavior among injury patients and the factors influencing drink driving in Moshi, Tanzania

2016 - 2018 Charles T. Pate - Master of Science, GH; Duke Gloal Health Institute
(Co-mentor) Understanding Perceptions of Healthcare Professionals on Delays in Care for Traumatic Brain Injury Patients at Mulago National Referral Hospital, Kampala, Uganda

2017-2019 Anna Tupetz - Masters of Science, GH: Duke Global Health Institute
Scarf Injuries in Bangladesh: Exploring the Impact on Females who live with Spinal Cord Injuries

2017-2019 Yolande Pokam Tchuisseu - Masters of Science, GH: Duke Global Health Institute
Patterns of Multimorbidity Associated with Road Traffic Injuries in Brazil

2017-2019 Cyrus Elahi - Master of Science, GH; Duke Gloal Health Institute
(Co-mentor) A High-Tech Solution for the Low Resource Setting: A Tool to Support Decision Making for Patients with Traumatic Brain Injur

2017-2019 Sarah Williams - Master of Science, GH; Duke Gloal Health Institute
(Co-mentor) Neurosurgery Database Implementation in a Low-Resource Setting:

Methodology and a Case Study

- 2017-2019 Loren Barcenas - Master of Science, GH; Duke Global Health Institute
(Co-mentor) Exploring Mental Health Classes and Drinking Patterns of Traumatic Brain Injury Patients in Tanzania
- 2018-2020 Jiawen Wu - Masters of Science, GH: Duke Global Health Institute
Building and evaluating the performance of a machine learning based prognostic model for TBI patients in Uganda and Tanzania.
- 2019-2021 Siddhesh Zadey - Masters of Science, GH: Duke Global Health Institute
Behavioral tasks to evaluate alcohol use disorder in Tanzania
- 2019-2021 Thais Ramirez - Masters of Science, GH: Duke Global Health Institute
Community survey of food insecurity and alcohol use in Tanzania
- 2019-2021 Shantanu Srivatsa - Masters of Science, GH: Duke Global Health Institute
Predictive modeling of TBI outcomes in Rwanda: Generalizability of Tanzania developed prognostic models.
- 2019-2021 Mohammed Waseem Akhter - Masters of Science, GH: Duke Global Health Institute
Spatial Association of Social Determinants of Health and Health Care Access Markers to Acute Coronary Syndromes Mortality in Brazil
- 2020-2022 Arthi Shankar Kozhumam - Masters of Science, GH: Duke Global Health Institute
Important Pediatric Conditions in Low- and Middle-Income Countries: A Clinician and Data-Driven Approach
- 2021-2023 Yuan Yuan - Masters of Science, GH: Duke Global Health Institute
Association of Alcohol Use with Risk of Malnutrition Among Injury Patients in Tanzania: A Mixed-Method Study
- 2021-2023 Mbi Obale Armstrong - Masters of Science, GH: Duke Global Health Institute
Global Repository for Injury Data Discrepancies (GRID) Across Low- and Middle-Income Countries and Harmonization Strategies

Committee member:

- 2007-2008 Guaracy Nilton Costa - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2007-2008 Renato Marafon Semensato - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2008-2009 Greici Kelli dos Santos - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2008-2009 Aguinaldo da Silva - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Carla Oselame - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Dyane Corsini - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Márcia Regina Henrique - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Renata Carlucci de Oliveira - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Mirelly Aparecida da Silva - Undergraduate thesis; Nutrition; Uningá, Maringá, Paraná, Brazil.
- 2008-2009 Vanessa Batista Marinho - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.

- 2008-2009 Abel Felipe Freitag - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2008-2009 Marcus Vinicius Mizoguchi - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2009-2010 Guilherme Balbim- Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2009-2010 Jonatas Honorio Correia - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2009-2010 Cheila Rotta - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Joscielle Camila Lourenço - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Ligia Moraes Santana - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Priscila Santos de Souza - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Liliane Bolognesi Costa - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Ana Carolina Kugler - Undergraduate thesis; Psychology; Uningá, Maringá, Paraná, Brazil.
- 2009-2010 Nayara Malheiros Caruzzo - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2010 Hiring committee for Psychology professorship. Uningá, Maringá, Paraná, Brazil.
- 2012-2013 Katiucy Sturião dos Santos - Undergraduate thesis; Nursing; State University of Maringá, Maringá, Paraná, Brazil.
- 2013-2014 Mariana Ferreira Gonçalves - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2013-2014 Camila Peres Armelin - Undergraduate thesis; Physical Education; State University of Maringá, Maringá, Paraná, Brazil.
- 2013-2014 Hiring committee for Psychology in Physical Education professorship. Federal University of the Sao Francisco Valley, Petrolina, Bahia, Brazil.
- 2015-2017 Benjamin Kuo - Masters of Science, GH; Duke Global Health Institute
- 2015-2017 Joseph Incorvia - Masters of Science, GH; Duke Global Health Institute
- 2015-2017 Deena El-Gabri - Masters of Science, GH; Duke Global Health Institute
- 2016-2018 Tessa Leigh Concepcion - Masters of Science, GH; Duke Global Health Institute
- 2016-2018 Charles T. Pate - Master of Science, GH; Duke Global Health Institute
- 2017-2019 Aryelle Malheiros Caruzzo - Master of Physical Education; State University of Maringá, Paraná, Brazil
- 2018 Sterffeson Lamare Lucena de Abreu - Master in Collective Health; Federal University of Maranhão, São Luis, Brazil
- 2018 Amanda Namíbia Pereira Pasklan - PhD in Collective Health; Federal University of Maranhão, São Luis, Brazil
- 2017-2019 Anna Tupetz - Masters of Science, GH; Duke Global Health Institute
- 2017-2019 Cyrus Elahi - Masters of Science, GH; Duke Global Health Institute
- 2017-2019 Sarah Williams - Masters of Science, GH; Duke Global Health Institute
- 2017-2019 Loren Barcenar - Masters of Science, GH; Duke Global Health Institute
- 2017-2019 Kaitlyn Friedman - Masters of Science, GH; Duke Global Health Institute

- 2019 Júlio Henrique de Oliveira - PhD in Tropical Medicine and Public Health; Federal University of Goiás, Goiânia, Brazil
- 2019 Kelly Cristina Gomes Alves - PhD in Tropical Medicine and Public Health; Federal University of Goiás, Goiânia, Brazil
- 2019 Nayara Malheiros Caruzzo Fernandes - PhD Thesis Committee in Physical Education; State University of Maringá, Paraná, Brazil.
- 2019 Marcelen Lopes Ribas de Assis - Masters Dissertation Committee of Physical Education; State University of Maringá, Paraná, Brazil
- 2020 Yana Miranda Borges - Masters Dissertation Committee of Statistics; State University of Maringá, Paraná, Brazil.
- 2022 Sharla Rent - Masters of Science, GH; Duke Global Health Institute

Undergraduate students:

- 2008-2009 Irene Aparecida Gomes - Psychology
Undergraduate thesis
Risk behavior and socioeconomic characteristics of Psychology students.
- 2008-2009 Franciely Bottaro - Psychology
Undergraduate thesis
Association between risk behavior and stress perception of Psychology students.
- 2008-2009 Elaine Aparecida Faria - Psychology
Undergraduate thesis
The practice of a hospital psychologist in Maringá/Brazil
- 2009-2010 Isabela Cristina Bonadia - Psychology
Undergraduate thesis
Perception of managers, professionals and patients about humanization in health care.
- 2009-2010 Gilmara Cristina Cavalcante Rosa - Psychology
Undergraduate thesis
Perceptions of conjugality in a transgenerational perspective.
- 2009-2010 Mirella Oliveira Pereira - Dentistry
Undergraduate thesis
Study of the relation between emotions, physiological markers and pain in oral surgery patients.
- 2009-2010 Suellen de Souza Fiordelize - Physical Education
Undergraduate thesis
Parental support influence athletic development in female Futsal.
- 2009-2010 Viviane Hurtado de Salles - Physical Therapy
Undergraduate thesis
Effect of animal assisted therapy on physical and psychological indicators in children with Cerebral Palsy.
- 2009-2010 Kyra Rebeca Moreno Brambilla - Physical Therapy
Undergraduate thesis
Coping mechanisms in cancer
- 2009-2010 Gislaine da Silveira - Physical Therapy
Undergraduate thesis
Analysis of the life story of people living in the streets.

- 2009-2010 Flávia Rigueira - Physical Therapy
Undergraduate thesis
Worker's absenteeism in academics.
- 2009-2010 Kyka Karla Furtado - Psychology
Scientific initiation program - University Center Ingá/UNINGÁ
Influence of psychological counseling in patient's emotions post surgery.
- 2009-2010 Franciele Monik Zanutto - Psychology
Scientific initiation program - University Center Ingá/UNINGÁ
Peer and family perceptions of coping with cancer.
- 2009-2010 Fabrícia Nunes - Psychology
Scientific initiation program - University Center Ingá/UNINGÁ
Relationship between stress, eating habits and body image in high school teachers.
- 2010-2011 Mayara Galeli - Psychology
Undergraduate thesis
Psychology in the primary care: A systematic review.
- 2010-2011 Fernanda Pereira Inhoque - Psychology
Undergraduate thesis
Determinants of job rotation in Maringá/Brazil.
- 2010-2011 Elisangela Domingues Natt - Psychology
Undergraduate thesis
The role of academics in professionalizing schools.
- 2010-2011 Ana Carolina de Oliveira Lima - Psychology
Undergraduate thesis
Epidemiological profile of participants of a Psychosocial Attention Center.
- 2010-2011 Natália Luiz Magalhães - Psychology
Undergraduate thesis
Physicians and psychologists role in communicating death to family members.
- 2015-2016 TuanDat Nguyen
Undergraduate thesis
Injury Prevalence and Safety Habits of Boda Bodas in Moshi Tanzania: A Qualitative and Network Analysis

iii. Resident N/A

- 2015-2016 Tommy Fu
Distribution of healthcare utilization for acute coronary syndrome in the Brazilian Healthcare system
- 2015-2016 Brendan Flanagan
The impact of socioeconomic indicators on the epidemiology of care seeking for Acute Coronary Syndrome in Brazil
- 2018-2019 Jinny Ye
Emergency Department Visits for Primary Care Sensitive Conditions in Brazil: A mixed methods study

iv. Medical students N/A

- 2015-2016 Liliane de Sá - Medicine
Scientific initiation program PIBIC/CNPq - University Center Ingá/UNINGÁ
Determinants of care seeking for injury patients, Maringa Brazil
- 2015-2017 Paulo Rafael Calvo
Scientific initiation program Fundação Araucária/PPSUS - University Center
Ingá/UNINGÁ
Mental health and quality of life post incarceration in Brazil
- 2015-2017 Carolina Maria Camargo
Scientific initiation program Fundação Araucária/PPSUS - University Center
Ingá/UNINGÁ
Physical health indicators post incarceration in Brazil
- 2015-2017 Natalia Boehr
Scientific initiation program Fundação Araucária/PPSUS - University Center
Ingá/UNINGÁ
Geospatial predictors of incarceration in Brazil
- 2015-2017 Jéssica Camargo
Scientific initiation program Fundação Araucária/PPSUS - University Center
Ingá/UNINGÁ
Development of an automated geospatial innovation for public health surveillance in
Brazil
- 2015-2017 Amanda Meirelles
Scientific initiation program Fundação Araucária/PPSUS - University Center
Ingá/UNINGÁ
Implementation of an automated geospatial innovation for public health surveillance in
Brazil
- 2017-2018 Julia Salinaro
Duke University
Towards Reducing Operator Dependence in Fetal Ultrasound: Oriented 3D Volumetric
Imaging of Second Trimester Fetuses and Reliability of Image Volume Interpretation by Expert and
Novice Raters
- 2017-2018 Tamitope Gafar
Duke University
Quality of Death and Being Prepared

Education / Teaching activities (Residents, Medical students, CME)

i. Teaching and supporting Learners (See form)

2009-2011	Applied Psychology - Nutrition Graduation (40hours) - Ingá College
2009-2011	Applied Psychology - Physiotherapy Graduation (40hours) - Ingá College
2009-2011	Applied Psychology - Odontology Graduation (40hours) - Ingá College
2009-2011	Applied Psychology - Nursing Graduation (80hours) - Ingá College
2009-2011	Psychosomatics - Psychology Graduation (80hours) - Ingá College
2009-2011	Hospital Psychology - Psychology Graduation (80hours) - Ingá College
2009-2011	Mentoring in Clinical Psychology- Psychology Graduation (200hours) - Ingá College
2009-2011	Mentoring in Health Psychology - Psychology Graduation (160hours) - Ingá College
2009-2011	Research Instrumentalization (Biostatistic) - Psychology Graduation (80hours) - Ingá College
2009-2012	Sport Psychology - Psychology Graduation (40hours) - Ingá College
2010-2012	Research methods and techniques - Psychology Graduation (80hours)- Ingá College
2010-2012	Mentoring in Organizational Psychology (160hours) - Ingá College
2011-2012	Leadership and communication - Gastronomy Graduation (80hours) - Ingá College
2011-2012	Coordinator of MBA in Human Management and Coaching (360hours) - Essencial Post-Graduation courses
2012-2016	Public Health - Medical Graduation (80hours) - Ingá College
2012-2016	Psychosomatics - Medical Graduation (80hours) - Ingá College
2013-2016	Research coordinator – Medical Graduation - Ingá College
2013-2016	Visiting Professor at Professional Master Degree on Research process and technology innovation – Cardiology Institute of Porto Alegre/RS
2016-2016	Global surgery indicator framework and research - .Duke Global Health Institute, Master of Science in Global Health; Global Surgery.
2015-2017	Global Suicide Prevention - Duke Global Health Institute, Master of Science in Global Health; Global Injury Prevention and Control.
2018-2019	Introduction to Systematic Review - Health Sciences Graduate Program, State University of Maringá/Brazil
2018-2019	Advanced methods in Systematic Review - Health Sciences Graduate Program, State University of Maringá/Brazil
2018-2019	Advanced methods in quantittive research - Physical Education Graduate Programa, State University of Maringá/Brazil.
2016-2018	Global Injury and Systematic Review - Duke Global Health Institute, Master of Science in Global Health.
2019-2020	GLTH 773: Systematic Review Course - Duke Global Health Institute, Master of Science in Global HEALTH
2019-current	GLHLTH 752: Grant Writing in Global Health - Duke Global Health Institute, Master of Science in Global HEALTH
2021-current	GLHLTH 751: Implementation Science in Global Health - Duke Global Health Institute, Master of Science in Global HEALTH
2022-current	BASS Connections Program - Neuroscience, alcohol use and global health, Duke University
2023-current	Introduction to Data Science - Kilimanjaro Christian Medical University College, Graduate in Biostatistics and Epidemiology
2023-current	Likelihood Theory - Kilimanjaro Christian Medical University College, Graduate in Biostatistics and Epidemiology

ii. **Development of courses/educational programs N/A**

- University Center Ingá/UNINGÁ: Instrumentalization in research: Research methods and statistics (40 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Research methods and statistics (40 hours) - Social Services Bachelor Degree
- University Center Ingá/UNINGÁ: Sport Psychology (40 hours) - Psychology and Physical Education Bachelor Degree
- University Center Ingá/UNINGÁ: Hospital Psychology (40 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Psychology applied to health sciences (40 hours) - Psychology, Dentistry, Nursing, Physical Therapy, Nutrition Bachelor Degree
- University Center Ingá/UNINGÁ: Occupational Psychology Training (160 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Educational Psychology Training (160 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Clinical Psychology Training (160 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Sport Psychology Training (160 hours) - Psychology Bachelor Degree
- University Center Ingá/UNINGÁ: Public Health Training (180 hours) - Psychology Bachelor Degree and Medical School
- University Center Ingá/UNINGÁ: Psychosomatics (80 hours) - Medical School
- University Center Ingá/UNINGÁ: Scientific writing (80 hours) - Medical School
- University Center Ingá/UNINGÁ: Residency program in Psychiatry - Medical School
- University Center Ingá/UNINGÁ: Residency program in Surgery - Medical School
- University Center Ingá/UNINGÁ: Residency program in Public health and family medicine - Medical School
- University Center Ingá/UNINGÁ: Residency program in Internal medicine - Medical School
- University Center Ingá/UNINGÁ: Proposal for the Master's Program in Research Method and Innovation.
- Cardiology Institute/IC-FUC: Psychometric properties and latent variable modeling applied to measurement Semester Course - Master's Program in Research methods and Innovation for Health
- Cardiology Institute/IC-FUC: Systematic review and meta analysis Semester Course - Master's Program in Research methods and Innovation for Health
- Cardiology Institute/IC-FUC: Innovation and technology based on data science Semester Course - Master's Program in Research methods and Innovation for Health
- Systematic review methodology and metanalysis - Semester course. State University of Maringá, Postgraduate program in Health Sciences
- Advanced methods in systematic review and metanalysis - Semester course. State University of Maringá, Postgraduate program in Health Sciences
- Advanced methods in quantitative research - Semester course. State University of Maringá, Postgraduate program in Physical Education
- Online course: Introduction to Systematic Reviews
- Grant Writing - Semester course. Duke Global Health Institute

- Implementation Science course - Semester course. Duke Global Health Institute
- Introduction to Data Science course - Semester course. Kilimanjaro Christian Medical University College
- Likelihood theory course - Semester course. Kilimanjaro Christian Medical University College
- BASS Connections program - Alcohol behavioral task development.

iii. **Development of assessment tools and methods** N/A

Intervention Protocols:

1. Photobiomodulation therapy for snakebite envenoming.
2. Task-shifting clinical assessment and safety planning for suicide risk among people living with HIV.
3. IDEAS for Hope: Telehealth delivered counseling intervention to reduce suicidality and improve HIV care engagement.
4. PPKAY: Brief Negotiation Interview for Harmful Alcohol Use.
5. SAVING Protocol: A Culturally relevant Snakebite Envenoming Clinical Practice Guideline.
6. Culturally-tailored Clinical Practice Guideline for Traumatic Brain Injury in Tanzania.

Development of assessment tools:

1. University Center Ingá/UNINGÁ: Progress test for evaluating medical students performance over time.
2. Built Environment Assessment for Road Traffic Crashes.
3. Feedback in the Emergency Room (FEED-ER).
4. Alcohol Use Behavioral Phenotyping Test (AUBPT).
5. HIV Stigmatizing Attitudes Scale (HSAS) - Tanzania.

Cross-cultural adaptation for the assessment tools:

1. Basic Needs Satisfaction in Sport Scale - Portuguese/Brazil
2. Sport Multidimensional Perfectionism Scale-2 - Portuguese/Brazil
3. Brazilian Coach-Athlete Relationship Questionnaire - Portuguese/Brazil
4. Sport Motivation Scale II - Portuguese/Brazil
5. Simple Shoulder Test - Portuguese/Brazil
6. Musculoskeletal Tumor Society Rating Scale for Lower Extremity Bone Sarcoma - Portuguese/Brazil
7. Patient Health Questionnaire - 9 (PHQ9) - Swahili/Tanzania
8. Alcohol Use Disorders Identification Test (AUDIT) - Swahili/Tanzania
9. Center for Epidemiologic Studies Depression Scale (CES-D) - Swahili/Tanzania
10. CAGE Questionnaire - Swahili/Tanzania
11. Kessler Psychological Distress Scale - Swahili/Tanzania
12. Short Form - 8 (SF8) - Swahili/Tanzania
13. DrInC - Drinking Inventory of Consequences - Swahili/Tanzania
14. Harsh Discipline Preference Discrete Choice Experiment (HDP-DCE) - English/US
15. Multidimensional Sportpersonship Orientation Scale (MSOS) - Portuguese/Brazil

16. Prosocial and Antisocial Behavior Sport Scale (PABSS) - Portuguese/Brazil
17. Pediatric Resuscitation and Trauma Outcome (PRESTO) - Adaptation to the Tanzanian Culture.
18. Columbia Suicide Severity Rating Scale (C-SSRS) - Swahili/Tanzania.
19. Personal Impact of Epilepsy Scale (PIES) - Uganda
20. Patient Specific Functional Scale (PSFS) - Snakebites/US

Algorithms development

1. BNPA: R Language for Statistical Computing based algorithm to develop inferential latent variable models from network structured models.
2. Traumatic Brain Injury Prognostic tool.
3. Preterm Birth prediction tool.
4. Microplanning algorithm for healthcare campaign delivery.
5. Potential catchment area for primary care units.

Patents

1. A Traumatic Brain Injury prognostic risk calculator web and mobile application for low and middle income countries. Patent submitted in 2019.

Data sets or repositories

1. River dataset as a potential fluvial transportation network for healthcare access in the Amazon region.
2. Global Repository for Injury Data (GRID).

Software

1. SURVIVRS: Surround Video-Based Virtual Reality for Surgery Guidance
2. AUTOMAP: R Language for Statistical Computing based algorithm to automate geospatial analysis for public health surveillance.

iv. **Education management/ Leadership** N/A

1. **2013-2015 Coordinator:** University Center Ingá/UNINGÁ: Post-graduation program in People Management and Coaching.
2. **2012-2016 Director for public health research:** University Center Ingá/UNINGÁ: Medicine department.
3. **2016-2018 Director of operations:** Duke Global Neurosurgery and Neurology, Department of Neurosurgery, Duke University School of Medicine.
4. **2019-current Director:** Global Emergency Medicine Innovation and Implementation Research Center, Duke University.
5. **2023-current Chief:** Division of Translational Health Sciences, Department of Emergency Medicine, Duke School of Medicine.

v. **Invited Lectures and Presentations** N/A

- 1.

i. **Named Lectures** N/A

1. Vissoci JRN. **Contributions of data science to public health.** Innaugural class in the Public Health and Epidemiology graduation program, Federal University of Maranhão, São Luis, Maranhão, Brazil.
2. Vissoci JRN. **Global health burden of disease: Brazil's leading role in global public health.** Keynote speaker at the VII Conference of the Health Sciences Center, State University of Maringá/Brazil.
3. Vissoci JRN. **Data science, machine learning, and mixed reality for global health changes.** Invited lecture at the 2019 UNCG Computer Science Colloquium Series; 2019 Nov 15; Greensboro, USA.
4. Vissoci JRN. **Global Emergency Medicine: A data science and implementation platform for health system's strengthening.** Invited lecture at the FMCH Research Brown Bag, 2020 Apr 23, Durham, US.
5. Vissoci JRN. **Epidemiology, transmission and social isolation: Perspectives and epidemiology in Brazil.** Invited lecture at the State University of Ponta Grossa/Paraná/Brazil. Nursing school seminar, 2020 May 1st, Durham, US.

ii. **Visiting Professorships** N/A

1. **Visiting professor in the Research and Innovation Postgraduate program at Cardiology Institute in Porto Alegre/Rio Grande do Sul.** Teaching and mentoring activities related to Psychometrics, Outcome measures, Systematic reviews and Innovation, 2015-2015.
2. **Visiting professor in the Public Health Postgraduate program at Federal University of Maranhão.** Project: Following a prospective cohort of Zika positive women to understand the disease course, 2016-2018.
3. **Visiting professor in the Health Sciences Postgraduate program at the State University of Maringá, Maringá/Paraná/Brazil.** Teaching and mentoring activities related to research methods and innovation, 2018 - current

iii. **International Meetings** N/A

1. **Cohesion: analysis of the group environment of a Futsal high performance team.** XI Brazilian Conference and IV International Conference of Sport Psychology, 2003.
2. **Study of the psychological factors influencing a sports team.** VI Symposium of Psychology, 2004
3. **Mood, Anxiety and Aggression: a study with volleyball athletes.** XXIX International Symposium of Sports Sciences, 2006.
4. **Study of the prevalence of self-body image and eating disorders in judo athletes.** XI Conference of Sports Sciences and Physical Education of Portuguese Speaking Countries, 2006.
5. **Motivation for business and administration.** V Meeting of Business Sciences, 2007.
6. **Regulatory styles evaluation and association with self-concept structures in volleyball athletes.** III International conference and IX Symposium of Psychology, 2007.

7. **Athletic aggression: An analysis in the high performance sports context.** III International conference of sport pedagogy and XIX Symposium of Physical Education, 2007.
8. **Self-determined motivation, sportpersonship orientation and athletic aggression: A study with volleyball athletes.** 6th Brazilian conference of physical activity and health, 2007.
9. **Cohesion and high performance sports.** 22nd International conference of physical education (FIEP), IV FIEP Latin-american scientific conference and IV FIEP Brazilian scientific conference, 2007.
10. **Psychological aspects: an intervention with high performance volleyball teams from Maringá-PR.** 12th European conference of sport psychology, 2007.
11. **Sport psychology.** Emerging themes in Psychology symposium from the State University of Maringá, 2008.
12. **Personality profile of volleyball coaches participating in the national league 2007/2008.** IX South-american conference of sport psychology and XIII Brazilian conference of sport psychology, 2008.
13. **Self-concept and mortal attributes: A correlational analysis with volleyball athletes.** IV Brazilian conference of motor behavior. 2009.
14. **Parental styles and regulatory styles for sports practice association in football players.** II Brazilian conference on metabolism, 2008.
15. **Psychological evaluation in sport psychology.** I Regional psychology meeting of Cesumar, 2008.
16. **Psychological well-being in the working environment.** PODIUM Occupational hazards prevention week, 2009.
17. **Athletic career development: Contributions from sports psychology.** IV International conference of psychology and X symposium of psychology of the State University of Maringá, 2009.
18. **Identity status and personal attributes of football players.** II Conference of the Brazilian association of sport psychology (ABRAPESP), 2009.
19. **Self-concept and stress: A study with women practicing physical activity.** XIV Brazilian conference and VII International conference of sport psychology, 2010.
20. **Stress and sport psychology.** XIV Brazilian conference and VII International conference of sport psychology, 2010.
21. **Pervasive and comforting effects of sports media.** II Seminar of sport psychology and human motricity, 2010.
22. **Career development and sports talent.** II Seminar of sport psychology and human motricity, 2010.
23. **Sport psychology: an emerging field in Psychology.** II Psychology meeting, 2010.
24. **Individual development trajectory in transitioning to different phases of a sports career.** International conference of sport psychology, 2010.
25. **Sport psychology and the practice of physical education.** 8th Academic and scientific symposium of Uningá, 2010.
26. **Coping mechanisms related to cancer.** 8th Academic and scientific symposium of Uningá, 2010.
27. **Evolution in psychometrics and psychological testing procedures.** V symposium of psychology of Fafijan, 2011.

28. **Identity status in high performance football athletes.** Sport psychology and exercise symposium, 2012.
29. **Identity status in sport.** Human development through sports meeting. Regional psychology council, 2012.
30. **Stress factors analysis in different levels of cohesion in a volleyball team. I** International conference of sport psychology and exercise, 2012.
31. **Identity and physical exercise: the role of emancipation to mental health promotion.** XV Brazilian conference and VII International conference of sport psychology and exercise, 2013.
32. **Physical activity: Culture and gender.** XV Brazilian conference and VII International conference of sport psychology and exercise, 2013.
33. **Perspective of sport psychology in Canada, Portugal and US: the vision of phd-fellows.** V Seminar of sport psychology and human motricity and II National conference of psychology, human motricity, sport, recreation and dance, 2013.
34. **Perceived parental support, self-determined motivation and coping skills: a structural equation modeling approach.** I International conference of sport and exercise psychology, 2013.
35. **Self-determined motivation, coping skills and parenting styles: a structural equation modeling approach.** 5th International conference on self-determination theory, 2013.
36. **Global health perspectives in research.** Global health research symposium, 2014.
37. **New perspectives in sport psychology assessment.** III National conference of psychology, motricity, sport, recreation and dance, 2014.
38. **Positive development and the mediating role of identity in football athletes.** I Event on football, psychology and knowledge production, 2014.
39. **Tools and tips to increase research productivity and internationalization.** Federal University of Santa Catarina, Paraná, Brazil. Post-graduate program on physical education and sports sciences. Mar, 2015.
40. **Internationalization and productivity in Psychology research.** XXVIII Psychology Education Symposium. Aug, 2015.
41. **Increasing research productivity and internationalization.** Workshop for the Sporedata meeting in Sao Paulo, Brazil. Sep 2015.
42. **Making research productivity and internationalization simple.** Pontificia Universidade Católica de São Paulo, São Paulo, Brazil. Research methodology in clinical psychology seminar. Post-graduate program on physical clinical Psychology. May, 2015.
43. **Self-management and reintegration of mental health and well-being post traumatic brain injury through Sports.** ProEsporte research group meeting, State University of Maringá, Paraná, Brazil. Apr 2016.
44. **Redefining public health through research, innovation and Big data.** Post-graduation program in Public Health. Public Health Department, Federal University of Goiás. Apr, 2016.
45. **Global emergency medicine: Current practices and perspectives for overlap with health economics.** Department of Economy, Exact Sciences Center, State University of Maringá, Paraná, Brazil. Grand rounds. September, 2016.
46. **Global emergency medicine: Current state and perspectives towards Brazil.** National meeting of the Federal University of Pelotas Consortium for the Programa Nacional de Melhoria do Acesso e da Qualidade da Atenção Básica (PMAQ), Brazilian Ministry of

- Health. January, 2016.
47. **Increasing research productivity and internationalization.** Federal University of Paraná, Paraná, Brazil. Research methodology seminar. Post-graduate program on physical education and sports sciences. Oct, 2015.
 48. **Self-management and reintegration of mental health and well-being post traumatic brain injury through Integrated Community Therapy in Brazil.** UniCesumar, Maringá, Paraná, Brazil. Group interventions for health promotion seminar. Post-graduate program on health promotion. Sep 2016.
 49. **Geospatial association between Zika virus infection and microcephaly: A GIS based analysis.** Fiocruz, Rio de Janeiro, Rio de Janeiro, Brazil. 12th Brazilian Conference of Collective Health. Jul 2018.
 50. **Geographical barriers to maternal health services in Brazil: An ecological study.** Fiocruz, Rio de Janeiro, Rio de Janeiro, Brazil. 12th Brazilian Conference of Collective Health. Jul 2018.
 51. **Workshop of the [National Program of Improvement in Access and Quality of Primary Care] (PMAQ-AB) Cycle 3.** Federal University of Pelotas, Pelotas, Rio Grande do Sul, Brazil. Jul 2018.
 52. **Systematic review and metanalysis.** Medical sciences conference in Maringá, Brazil. Sep 2018.
 53. **Time to treatment for traumatic brain injury patients in Moshi, Tanzania.** The 13th World Conference on Injury Prevention and Safety Promotion, Bangkok, Thailand.
 54. **Spatial distribution of suicide mortality in urban and rural areas in the state of Paraná/Brazil, from 2011 to 2016.** [Distribuição espacial de mortalidade por suicídio em áreas urbanas e rurais no estado do Paraná, no período de 2011 a 2016.] Oral presentation at the V Congresso Internacional do CCS, III Congresso Internacional de Tratamento da Obesidade e VII Encontro do PCS. 2018; Oct 8-11; Maringá, Brazil.
 55. Rocha TAH, **Vis soci JRN.** Big Data e Maching Learning em Saúde Global. Coordinator at the V Congresso Internacional do CCS, III Congresso Internacional de Tratamento da Obesidade e VII Encontro do PCS. 2018; Oct 8-11; Maringá, Brazil.
 56. **Vis soci JRN,** Machado WL, Kopper RAP, Rocha TAH, Andrade, L. Saúde Global. Round table at the V Congresso Internacional do CCS, III Congresso Internacional de Tratamento da Obesidade e VII Encontro do PCS. 2018; Oct 8-11; Maringá, Brazil.
 57. **Vis soci JRN,** Andrade L. Carga Global das Doenças e Injúrias: Papel do Brasil e do SUS no Contexto Mundial. Conference at the V Congresso Internacional do CCS, III Congresso Internacional de Tratamento da Obesidade e VII Encontro do PCS. 2018; Oct 8-11; Maringá, Brazil.
 58. **Exploring mental health profiles and drinking patterns of traumatic brain injury patients in Tanzania.** Oral presentation at the 45th Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society; 2019 Jun 3-7; Utrecht, Netherlands.
 59. **The impact of alcohol on the acute hospital outcome of traumatic brain injury patients in a low income setting.** Oral presentation at the 45th Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society; 2019 Jun 3-7; Utrecht, Netherlands.
 60. **Alcohol-related risky behavior patterns and its association with alcohol use and perceived alcohol stigma in Moshi, Tanzania.** Oral presentation at the 45th Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society; 2019 Jun 3-7; Utrecht,

Netherlands.

61. **Interventions to reduce alcohol harm in low- and middle-income countries: a systematic review and meta-analysis.** Oral presentation at the 45th Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society; 2019 Jun 3-7; Utrecht, Netherlands.
62. **What Activities Do Snakebite Envenomation Patients Choose To Assess Dysfunction?** Venom Week 2020, 2020 March 5th, Gainesville, FL, USA.
63. **The Validity, Reliability And Minimal Clinically Important Difference Of The Sf-36 Physical Function Dimension And The Promis-10 Global Health Assessment In Snake Envenomation.** Venom Week 2020, 2020 March 5th, Gainesville, FL, USA.
64. **Snake Envenomation Clinical Outcome Measures Vary Widely And Are Not Patient-Centered: A Systematic Review Of Clinical Studies.** Venom Week 2020, 2020 March 5th, Gainesville, FL, USA.

iv. **National Scientific Meetings (invited) N/A**

1. **Vis soci JRN.** Gargalos para o acesso ao tratamento oportuno do ofidismo no Brasil, com especial atenção para a Amazônia. Mesa Redonda apresentada em; I Seminário Nacional de Pesquisa Clínica em Acidentes por Animais Peçonhentos; 30 Nov 2018, Manaus, AM.

v. **Instructional Courses, workshops, symposiums (National) N/A**

1. Gerardo CJ, **Vis soci JRN**, Anderson VE, Sharma K, Kleinschmidt KC, Mullins ME, Brandehoff NP, Greene S, Lavonas EJ. The validity, reliability and minimal clinically important difference of the Patient Specific Functional Scale in snake envenomation. Podium presentation at 2018 Venom Week, Kingsville, Texas, Texas A/M.
2. Ye JJ, Scheidt JF, Staton CA, Andrade L, **Vis soci JRN**, Gerardo CJ. Low socioeconomic development impacts treatment of snake envenomation in Brazil. Podium presentation at 2018 Venom Week, Kingsville, Texas A/M.

vi. **Posters (National meetings) N/A**

1. Barton SJ, Blanchard L, Dai A, Doan I, Paulenich A, Sandhu S, Smith ER, van de Water B, Martin A, Seider J, Fitzgibbon C, Bility MM, Ekeji N, **Vis soci JRN**, Haglund MH, Bettger JP. Supports and Barriers to Community-Based Care for Children with Disabilities in Uganda. Poster presented at the 2018 American Occupational Therapy Association Annual Conference; 2018 Apr 19-22; Salt Lake City, USA.
2. Spiecker EM, Nihei OK, Andrade L, **Vis soci JRN**. Distribuição espacial de mortalidade por suicídio em áreas urbanas e rurais do Brasil, no período de 2011 a 2016. Poster apresentado em; II Congresso Brasileiro de Prevenção de Suicídio; 30 Ago-01 Set 2018, Vitória, ES.
3. Elahi C, Barcenas L, **Vis soci JRN**, Joseph S, Krishnamoorthy V, Staton C. Do traumatic brain injury patients treated in the intensive care unit have better outcomes than the surgical ward at a regional referral hospital in tanzania? Poster presented at the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.

4. Barcenas L, Elahi C, Krishnamoorthy V, Joseph S, Sakita F, **Vis soci JRN**, Staton C. Risk factors for deterioration of mild and moderate traumatic brain injury patients in Tanzania. Poster presented at the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
5. Joiner AP, Machado WL, Costa DB, Mhlanga M, Chowa P, **Vis soci JRN**, Maseko TN. Derivation of an emergency call center chief complaint category list in Eswatini (formerly Swaziland). Oral presentation at the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.
6. **Vis soci JRN**, Friedman K, Oliveira LP, Sakita F, Mmbaga B, Staton CA. Clinical validation of multiple versions of the alcohol use Disorder Identification Test in Moshi, Tanzania. Oral presentation at the Annual Meeting of the Society for Academic Emergency Medicine; 2019 May 14-17; Las Vegas, USA.

vii. **Regional presentations and posters** N/A

1. **Prevalence of Road Traffic Injury in Sub-Saharan African Countries: A Systematic Review and Summary of Observational Studies.** Duke University Medical Center, Department of Surgery Research Day. Apr, 2016.
2. **Traumatic Brain Injury In Brazil: How Socioeconomic Demographic Characteristics Impact Rates and Outcomes of Traumatic Brain Injury.** Duke University Medical Center, Department of Surgery Research Day. Apr, 2016.
3. **Geospatial analysis of unmet surgical need in Uganda: An analysis of SOSAS survey data.** Duke University Medical Center, Department of Surgery Research Day. Apr, 2016.
4. **Access to emergency care services in Brazil: A national ecologic study of a 6600 hospital healthcare network.** Duke University Medical Center, Emergency Medicine Showcase. Oct, 2017.
5. **General pediatric surgical care in Brazil: Regional disparities, access to care and impact on pediatric mortality.** GICS Meeting, Oct, 2017.
6. Spiecker EM, Nihei OK, Staton C, Andrade L, **Vis soci JRN**. Distribuição espacial de mortalidade por suicídio em áreas urbanas e rurais na região sul do Brail, no período de 2011 a 2016. Apresentação em; IV Congresso Paranense de Saúde Pública Coletiva; 18-20 Jul 2018, Curitiba, PR.
7. **Vis soci JRN**. Moderator at 2018 Global Brazil Conference: Amazon Frontiers. 2018; Apr 5-6; Durham, USA.
8. Ong CT, Rocha TH, Silva NC, **Vis soci JRN**. Amazonia and the need for better health care access: examples from surgery, cardiovascular disease, snakebite envenomation, and injury. Round table at the 2018 Global Brazil Conference: Amazon Frontiers. 2018; Apr 5-6; Durham, USA.
9. **Vis soci JRN**, Souza MR. Threats to health services. Oral presentation at What happened in Brazil? Brazil after the election of Jair Bolsonaro. 2019; Feb 27-28; Durham, USA.
10. Elahi C, Rocha TAH, **Vis soci JRN**, Silva NC, Fuller A, Haglund MM, Staton C. A cross sectional evaluation of outcomes associated with traumatic brain injury patients in Tanzania: evidence from survival analysis. Poster presented at the 2019 Congress of Neurological Surgeons Annual Meeting; 2019 Oct 19-23; San Francisco, USA.
11. Elahi C, Williamson T, Spears C, Williams S, Staton C, Fuller A, **Vis soci JRN**, Haglund MM. Estimating prognosis for traumatic brain injury patients: How do providers compare

- to the CRASH risk calculator? Poster presented at the 2019 Congress of Neurological Surgeons Annual Meeting; 2019 Oct 19-23; San Francisco, USA.
12. Elahi C, Williams S, Spears C, Staton C, Fuller A, Haglund M, **Vis soci JRN**. A feasibility and acceptability assessment of a traumatic brain injury decision support tool implementation in Uganda. Poster presented at the 2019 Congress of Neurological Surgeons Annual Meeting; 2019 Oct 19-23; San Francisco, USA.

Clinical activity - type of practice and estimate of time commitment:

N/A

Participation in academic and administrative activities of the University and Medical Center:

I dedicate 85% of my time to research in the Division of Emergency Medicine focusing on global injury, global mental health, and other global health endeavors. I will dedicate 5% of my time to the education of medical students, residents, and fellows. The remaining 10% of my time will be dedicated to administration including applying for external grants, grant writing, and grant reviews.

i. **Administrative positions** N/A

ii. **Committees** N/A

iii. **Leadership positions**

2016-Present Director of Operations – Duke Global Neurosurgery and Neuroscience Division, Duke Neurosurgery

Signature

Date

Personal Information

Faculty members' preferred familiar name: Vissoci

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