

Joshua M. Schrock

Research Assistant Professor
Impact Institute, Feinberg School of Medicine, Northwestern University
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ACADEMIC APPOINTMENTS

2023-present: **Northwestern University**
Research Assistant Professor
Feinberg School of Medicine
Impact Institute

2022-2023: **Northwestern University**
Research Associate
Feinberg School of Medicine
Impact Institute

EDUCATION

2020-2022: **Northwestern University**
Postdoctoral Research Scholar
Feinberg School of Medicine
Impact Institute

2020: **University of Oregon**
Ph.D. in Biological Anthropology
Dissertation title: *Why Do Our Own Immune Systems Make Us Feel Sick: Pathologies, Adaptations, and Evolutionary Mismatch*

2013: **Emory University**
M.P.H. in Behavioral Sciences & Health Education
Thesis title: *Socioeconomic Factors and Telomere Length in a Sample of African American Men*

2011: **Ohio State University**
B.A. with a major in Anthropology, minor in Spanish, *magna cum laude*

2008-2009: **Columbus State Community College**
General Education Courses

PEER-REVIEWED JOURNAL ARTICLES

*Denotes an author mentored by JM Schrock

- 2026: Smith MS, James D, **Schrock JM**, Newcomb M, Mustanski B. Intersectional discrimination and noncommunicable disease risk factors among sexual minority men of color. *Annals of Behavioral Medicine*, 60(1), kaag004. <https://doi.org/10.1093/abm/kaag004>
- 2026: Gibb JK*, **Schrock JM**, Mustanski B, McDade TW, D'Aquila RT. Epigenetic age acceleration is associated with HIV infection independently of inflammation. *Open Forum Infectious Diseases*, 13(5), ofag270. <https://doi.org/10.1093/ofid/ofag270>
- 2026: Gildner TE, Blackwell AD, Liebert MA, Urlacher SS, Cepon-Robins TJ, **Schrock JM**, Bribiescas RG, Madimenos FC, Snodgrass JJ, Sugiyama LS. Amazonian Shuar testosterone levels are related to parasite infection: Immunocompetence handicap hypothesis implications. *Evolution, Medicine, and Public Health*, 14(1), eoag013. <https://doi.org/10.1093/emph/eoag013>
- 2025: Gildner TE, Liebert MA, **Schrock JM**, Urlacher SS, Amir D, Harrington CJ, Madimenos FC, Cepon-Robins TJ, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Salivary testosterone, age, and adiposity associations among Shuar males in Amazonian Ecuador challenge assumptions of "normal" testosterone patterns. *American Journal of Human Biology*, 37(11), e70166. <https://doi.org/10.1002/ajhb.70166>
- 2025: Gibb JK*, **Schrock JM**, Smith MS, D'Aquila RT, McDade TW, Mustanski B. Conversion therapy exposure and elevated cardiovascular disease risk. *JAMA Network Open*, 8(5), e258745-e258745. <https://doi.org/10.1001/jamanetworkopen.2025.8745>
- 2025: Eyo CA*, **Schrock JM**, Hayford C, Ryan DT, Saber R, Benbow N, Newcomb ME, Demonbreun AR, McNally EM, D'Aquila RT, McDade TW, Mustanski B. Explaining Racial and Ethnic Inequities in SARS-CoV-2-Related Outcomes: Results from a Serosurvey in Chicago. *Journal of Racial and Ethnic Health Disparities*, 1-14. <https://doi.org/10.1007/s40615-025-02362-4>
- 2024: Carrico AW, Ryan DT, Berona J, Dominguez BS, **Schrock JM**, McDade TW, Newcomb M, D'Aquila RT, Mustanski B. HIV, inflammation, and initiation of methamphetamine use in sexual and gender minorities assigned male at birth. *Proceedings of the National Academy of Sciences U.S.A.*, 121(41), p.e2407046121. <https://doi.org/10.1073/pnas.2407046121>
- 2024: **Schrock JM**. Accelerated aging in people living with HIV: The neuroimmune feedback model. *Brain, Behavior, & Immunity-Health*. <https://doi.org/10.1007/s12529-023-10251-5>
- 2024: Iyer CS*, **Schrock JM**, Johnson A*, Gorbach PM, Siminski S, Newcomb ME, McDade TW, Mustanski B. Infectious illness symptoms are associated with elevated anxiety in a sample of sexual and gender minority young adults during the COVID-19 pandemic. *International Journal of Behavioral Medicine*. 2024 Jan 19:1-9. <https://doi.org/10.1007/s12529-023-10251-5>
- 2023: **Schrock JM**, Nusslock R, McDade TW, Mustanski B. Trauma history predicts decoupling of C-reactive protein and somatic symptoms: Results from a cohort study of sexual and gender minority youth. *Psychosomatic Medicine*. 85(5), 397-407. <https://doi.org/10.1097/psy.0000000000001209>

- 2022: **Schrock JM**, Sugiyama LS, Naidoo N, Kowal P, Snodgrass JJ. Greater chronic morbidity is associated with greater fatigue in six countries: A case of evolutionary mismatch? *Evolution, Medicine, and Public Health*. 10(1):156-69. <https://doi.org/10.1093/emph/eoac011>
- 2022: **Schrock JM**, McDade TW, D'Aquila RT, Mustanski B. Does body mass index explain the apparent anti-inflammatory effects of cannabis use? Results from a cohort study of sexual and gender minority youth. *Drug and Alcohol Dependence* 233: 109344. <https://doi.org/10.1016/j.drugalcdep.2022.109344>
- 2022: Sancilio A, **Schrock JM**, Demonbreun AR, D'Aquila RT, Mustanski B, Vaught LA, Reiser NL, Velez MP, Hsieh RR, Ryan DT, Saber R, McNally EM, McDade TW. COVID-19 symptom severity predicts neutralizing antibody activity in a community-based serological study. *Scientific Reports* 12: 12269. <https://doi.org/10.1038/s41598-022-15791-6>
- 2021: Mustanski B, Saber R, Ryan DT, Benbow N, Madkins K, Hayford C, Newcomb ME, **Schrock JM**, Vaught LA, Reiser NL, Velez MP, Hsieh R, Demonbreun AR, D'Aquila RT, McNally EM, McDade TW. Geographic disparities in COVID-19 case rates are not reflected in seropositivity rates using a neighborhood survey in Chicago. *Annals of Epidemiology* 66: 44-51. <https://doi.org/10.1016/j.annepidem.2021.10.006>
- 2021: **Schrock JM**, McDade TW, Carrico AW, D'Aquila R, Mustanski B. Traumatic events and mental health: The amplifying effects of pre-trauma systemic inflammation. *Brain, Behavior, and Immunity* 98: 173-184. <https://doi.org/10.1016/j.bbi.2021.08.208>
- 2021: **Schrock JM**, Ryan DT, Saber R, Benbow N, Vaught LA, Reiser N, Velez MP, Hsieh R, Newcomb ME, Demonbreun AR, Mustanski B, McNally EM, D'Aquila R, McDade TW. Cohabitation with a known Coronavirus Disease 2019 case is associated with greater antibody concentration and symptom severity in a community-based sample of seropositive adults. *Open Forum Infectious Diseases* 8(7): ofab244. <https://doi.org/10.1093/ofid/ofab244>
- 2021: DeLouize AM, Liebert MA, Madimenos FC, Urlacher SS, **Schrock JM**, Cepon-Robins TJ, Gildner TE, Blackwell AD, Harrington CJ, Amir D, Bribiescas RG, Snodgrass JJ, & Sugiyama LS. Low prevalence of anemia among Shuar communities of Amazonian Ecuador. *American Journal of Human Biology*. e23590. <https://doi.org/10.1002/ajhb.23590>
- 2020: Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, **Schrock JM**, Harrington CJ, Madimenos FC, Snodgrass JJ, & Sugiyama LS. Market integration and soil-transmitted helminth infection among the Shuar of Amazonian Ecuador. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0236924>
- 2020: **Schrock JM**, Snodgrass JJ, & Sugiyama LS. Lassitude: the emotion of being sick. *Evolution and Human Behavior* 41(1): 44-57. **Winner of the Margo Wilson Prize for the journal's best paper of the year.** <https://doi.org/10.1016/j.evolhumbehav.2019.09.002>
- 2019: Cepon-Robins TJ, Gildner TE, **Schrock JM**, Eick G, Bedbury A, Liebert MA, Urlacher SS, Madimenos FC, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, & Snodgrass JJ. Soil-transmitted helminth infection and intestinal inflammation among the Shuar of Amazonian Ecuador. *American Journal of Physical Anthropology* 170(1): 65-74. <https://doi.org/10.1002/ajpa.23897>
- 2018: Sznycer, D, Xygalatas D, Agey E, Alami S, An X, Ananyeva KI, Atkinson QD, Broitman BR, Conte TJ, Flores C, Fukushima S, Hitokoto H, Kharitonov AN, Onyishi CN, Onyishi IE, Romero

- PP, **Schrock JM**, Snodgrass JJ, Sugiyama LS, Takemura K, Townsend C, Zhuang J, Aktipis CA, Cronk L, Cosmides L, Tooby J. Cross-cultural invariances in the architecture of shame. *Proceedings of the National Academy of Sciences U.S.A.* 201805016. <https://doi.org/10.1073/pnas.1805016115>
- 2018: **Schrock JM**, Adler NE, Epel ES, Nuru-Jeter AM, Lin J, Blackburn EH, Taylor RJ & Chae DH. Socioeconomic status, financial strain, and leukocyte telomere length in a sample of African American midlife men. *Journal of Racial and Ethnic Health Disparities* 5(3): 459-467. <https://doi.org/10.1007/s40615-017-0388-3>
- 2017: **Schrock JM**, McClure HH, Snodgrass JJ, Liebert MA, Charlton KE, Arokiasamy P, Naidoo N & Kowal P. Food insecurity partially mediates associations between social disadvantage and body composition among older adults in India: Results from the Study on Global AGEing and adult health (SAGE). *American Journal of Human Biology* 29(6): e23033. <https://doi.org/10.1002/ajhb.23033>
- 2016: Biritwum RB, Minicuci N, Yawson AE, Theou O, Mensah GP, Naidoo N, Wu F, Guo Y, Zheng Y, Jiang Y, Maximova T, Kalula S, Arokiasamy P, Salinas-Rodríguez A, Manrique-Espinoza B, Snodgrass J, Sterner KN, Eick GN, Liebert MA, **Schrock JM**, Afshar S, Thiele E, Vollmer S, Harttgen K, Strulik H, Byles, JE, Rockwood K, Mitniski A, Chatterji S, Kowal P. Prevalence of and factors associated with frailty and disability in older adults from China, Ghana, India, Mexico, Russia and South Africa. *Maturitas* 91: 8-18. <https://doi.org/10.1016/j.maturitas.2016.05.012>
- 2016: Barrett TM, Liebert MA, **Schrock JM**, Cepon-Robins TJ, Mathur A, Kowal P & Snodgrass JJ. Physical activity and function among older adults in Jodhpur, India. *Annals of Human Biology* 43(5): 488-491. <https://doi.org/10.3109/03014460.2015.1103901>
- 2016: Lin L, Brown KB, Hall BJ, Yu F, Yang J, Wang J, **Schrock JM**, Bodomo AB, Yang L, Yang B, Nehl EJ, Tucker JD & Wong FY. Overcoming barriers to healthcare access: A qualitative study among African migrants in Guangzhou, China. *Global Public Health* 11(9): 1135-1147. <https://doi.org/10.1080/17441692.2015.1076019>
- 2015: Lin L, Brown KB, Hall BJ, Yu F, Yang J, Wang J, **Schrock JM**, Bodomo AB, Yang L, Yang B, Nehl EJ, Tucker JD & Wong FY. Health care experiences and perceived barriers to healthcare access: A qualitative study among African migrants in Guangzhou, Guangdong Province, China. *Journal of Immigrant and Minority Health* 17(5): 1509- 1517. <https://doi.org/10.1007/s10903-014-0114-8>

BOOK CHAPTER

- 2024: **Schrock JM**, Sugiyama LS, Snodgrass JJ. Lassitude: A coordination system to support host immunity. *The Handbook of Evolution and the Emotions*, Al-Shawaf L & Shackelford T, editors. Oxford University Press
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COMMENTARY

2021: **Schrock JM.** Why we don't move: The importance of somatic maintenance and resting. *Behavioral and Brain Sciences* 44: e132. <https://doi.org/10.1017/S0140525X21000248>

TEACHING EXPERIENCE

University of Oregon

Evolution of Human Sexuality (Graduate Teaching Assistant: Winter 2019)
Scientific Racism (Graduate Teaching Assistant: Summer 2017)
Nutritional Anthropology (Graduate Teaching Assistant: Spring 2017)
Human Growth and Development (Graduate Teaching Assistant: Winter 2016; Winter 2017, Spring 2018)
Human Biological Variation (Graduate Teaching Assistant: Spring 2015, Fall 2016)
Introduction to Evolutionary Medicine (Graduate Teaching Assistant: Fall 2014, Fall 2015, Winter 2018)

Emory University

History of Public Health (Graduate Teaching Assistant: Fall 2012)

Kaplan, Inc.

Law School Admissions Test (LSAT) Preparatory Course (Primary Instructor: Fall 2010)

MENTORING EXPERIENCE

Eliza Hallett: Undergraduate Student, University of Oregon (research project on physical activity and health among older adults in Uganda)

Ali Bedbury: Undergraduate Student, University of Oregon (research project on demographics of intestinal inflammation among Shuar forager-horticulturalists)

Mariah Bloom: Undergraduate Student, University of Oregon (research project on dating app use and sociosexuality)

Chitra Iyer: Research Staff Member, Northwestern University (research project on infectious illness Symptoms and anxiety during the COVID-19 pandemic)

Tyler Wang: High School Intern, ResearchHStart Program, University of Chicago/Lurie Comprehensive Cancer Center (research project on stress, blood pressure, and inflammation in the RADAR cohort)

James Gibb: PhD Student, Anthropology, Northwestern University (research project on conversion therapy exposure and cardiovascular disease risk)

Chris Eyo: MD/PhD Student, Feinberg School of Medicine, Northwestern University (research project on racial and ethnic inequities in SARS-CoV-2-related outcomes in Chicago)

FELLOWSHIPS, GRANTS, & AWARDS

- 2026-2031: NIMH/NIH R01 MH139463 (Co-investigator, \$3,573,800). *Neuroimaging dopamine networks and antidepressant response to Pramipexole in persons with HIV: The COPE Mechanism Study*.
- 2025-2030: NIDA/NIH U01 DA036939 (Co-investigator, \$14,221,995). *The RADAR cohort study of multilevel Influences on HIV and substance use*.
- 2023-2028: NIDA/NIH K01 DA057143 (Principal Investigator, \$886,042). *Integrated neuroimmune model of problematic substance use and depression in people living with HIV*.
- 2023-2025: NIMH/NIH R01 MH132692 (Co-investigator, \$2,256,587). *Young Sexual Minority Women's Mental Health: Developmental Trajectories, Mechanisms of Risk, and Protective Factors* (This grant was terminated due to new federal government policies on "gender ideology").
- 2022: Third Coast Center for AIDS Research Pilot Award (Principal Investigator, \$49,646). *Marijuana-driven adipokine signaling as a regulator of systemic inflammation in young people living with HIV*.
- 2022: Third Coast Center for AIDS Research Pilot Award (Project Director, Co-investigator, \$48,978). *The brain's central executive network: A potential source of resilience against comorbidities of HIV*
- 2021: Third Coast Center for AIDS Research Core Subsidy Award (Co-Investigator, \$5,000)
- 2020: Margo Wilson Prize for best paper of the year in *Evolution and Human Behavior* (\$1,500)
- 2019-20: Lokey Doctoral Science Fellowship, University of Oregon (Tuition remission, stipend, and benefits for the full academic year + \$6,000 award + \$3,000 research and travel fund)
- 2019: Owen F. Aldis Commendation, International Society for Human Ethology (three-year society membership, one conference fee waiver)
- 2019: Special Opportunities Travel Award, Graduate School and Global Studies Institute, University of Oregon (\$815)
- 2018: Dissertation Research Award, Institute of Cognitive and Decision Sciences, University of Oregon (\$5,000)
- 2017: Wenner-Gren Dissertation Fieldwork Grant #9559: *Parasitic infection, sickness behavior, and immune function among Shuar forager-horticulturalists of Amazonian Ecuador* (\$19,994)
- 2016: Health Education Research Award, Department of Anthropology, University of Oregon (\$1,000)
- 2015: Health Education Travel Award, Department of Anthropology, University of Oregon (\$250)
- 2013: Finalist, Charles C. Shepard Award for Most Scholarly Master's Thesis, Rollins School of Public Health, Emory University

CONFERENCE TALKS

[with JM Schrock as the presenting author]

- 2024: **Schrock JM**. HIV, inflammation, and initiation of methamphetamine use. HIV SUCCESS Annual Meeting, Washington, D.C. Virtual presentation.
- 2023: **Schrock JM**. Does BMI explain the apparent anti-inflammatory effects of cannabis use? HIV SUCCESS Annual Meeting, Washington, D.C. Virtual presentation.
- 2022: **Schrock JM**, Berona J, & Mustanski B. Does systemic inflammation track threat exposure? Implications for SGM health inequities. The National LGBTQ Health Conference, Chicago, IL.
- 2019: **Schrock JM**, Snodgrass JJ, & Sugiyama LS. Brain size, body size, and time allocation strategies in primates. The 88th Annual Meeting of the American Association of Physical Anthropologists, Cleveland, OH.
- 2018: **Schrock JM**, Snodgrass JJ, & Sugiyama LS. Lassitude: An emotion for adjustment to energetic stress. The 30th Annual Meeting of the Human Behavior and Evolution Society, Amsterdam, Netherlands.
- 2018: **Schrock JM**, Snodgrass JJ, Naidoo N, Kowal P, & Sugiyama LS. Lassitude as a regulatory system for behavioral adjustment to energetic stress in humans: Evidence from six diverse cultures. The 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- 2017: **Schrock JM**, Gildner TE, Harrington CJ, Liebert MA, Amir D, Urlacher SS, Snodgrass JJ, & Sugiyama LS. Preliminary evidence that *Ascaris lumbricoides* (Roundworm) infection is associated with mood. The 29th Annual Meeting of the Human Behavior and Evolution Society, Boise, ID.
- 2016: **Schrock JM**, Liebert MA, Kowal P & Snodgrass JJ. Sociodemographic and lifestyle factors associated with lung function in five countries. The 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA.
- 2015: **Schrock JM**, McClure HH & Naidoo N. Is body composition related to food insecurity among older adults in India? Evidence from the Study on global AGEing and adult health. Population Association of America 2015 Annual Meeting. San Diego, CA.

CONFERENCE POSTERS

[with JM Schrock as the presenting author]

- 2024: **Schrock JM**, Chen Y, Armstrong CC, Nusslock R, & Ragin A. CD4 count predicts longitudinal trajectories of central executive network connectivity in PLWH. Conference on Retroviral and Opportunistic Infections, Denver, CO.

- 2023: **Schrock JM**, Chen Y, Armstrong CC, Nusslock R, & Ragin A. CD4 count and the central executive network. CFAR National Network Meeting, Baltimore, MD.
- 2022: **Schrock JM**, Nusslock R, McDade TW, D'Aquila RT, & Mustanski B. Prior trauma exposure predicts decoupling of systemic inflammation and somatic symptoms. The Psychoneuroimmunology Research Society Annual Meeting, Zurich, Switzerland.
- 2017: **Schrock JM**, Sugiyama LS, & Snodgrass JJ. The investment regulation hypothesis: C-reactive protein, depressive symptoms, and physical activity among U.S. adults. The 42nd Annual Meeting of the Human Biology Association, New Orleans, LA.
- 2016: **Schrock JM**, Liebert MA, Snodgrass JJ & Kowal P. Study on global AGEing and adult health (SAGE): The social stratification of frailty among older adults in India. The 41st Annual Meeting of the Human Biology Association, Atlanta, GA.
- 2015: **Schrock JM**, McClure HH, Kowal P, Naidoo N & Snodgrass JJ. Gender differences in the impact of food insecurity on body composition among older adults in India: Results from the World Health Organization Study on global AGEing and adult health. The 12th Annual Western Regional International Health Conference, Eugene, OR.
- 2015: **Schrock JM**, McClure HH, Kowal P, Naidoo N & Snodgrass JJ. Food insecurity and underweight/overweight among older adults in India: Results from the WHO Study on global AGEing and adult health. The 40th Annual Meeting of the Human Biology Association, St. Louis, MO.
- 2013: **Schrock JM**, Adler NE, Epel ES, Nuru-Jeter AM, Lin J, Blackburn EH & Chae DH. Socioeconomic Factors and Leukocyte Telomere Length in a Sample of African American Men. The 20th Annual Psychoneuroimmunology Research Society Scientific Meeting, Stockholm, Sweden.

OTHER CONFERENCE PRESENTATIONS

*Denotes an author mentored by JM Schrock

- 2022: Gibb JK*, **Schrock JM**, Mustanski B, McDade TW. Non-communicable disease risk among sexual minority adults in the United States: Evidence from the fifth wave of the National Longitudinal Study of Adolescent to Adult Health. Talk at the National LGBTQ Health Conference.
- 2021: Johnson A*, **Schrock JM**. Conducting research on the COVID-19 pandemic in RADAR, a large cohort study of sexual and gender minority youth. Talk at the National LGBTQ Health Conference (virtual).
- 2021: Iyer CS*, **Schrock JM**, Newcomb ME, Gorbach P, Siminski S, Mustanski B. Higher infectious symptom count is associated with greater anxiety in sexual/gender minorities during the COVID-19 pandemic. Poster at the National LGBTQ Health Conference (virtual).

- 2019: Gildner TE, Sugiyama LS, Liebert MA, **Schrock JM**, Urlacher SS, Amir D, Harrington CJ, Cepon-Robins TJ, Madimenos FC, Bribiescas RG, & Snodgrass JJ. Diurnal testosterone patterns among indigenous Shuar men of Amazonian Ecuador: individual differences by body composition and age. Talk at the 44th Annual Meeting of the Human Biology Association, Cleveland, OH.
- 2019: Sugiyama LS & **Schrock JM**. The use of biomarkers to answer questions about the evolution of mind and behavior: integrating human biology, human behavioral ecology, and evolutionary psychology. Invited poster for the session *Biomarkers in human population biology research: State of the science and future directions*, Poster at the 88th Annual Meeting of the American Association of Physical Anthropologists, Cleveland, OH.
- 2019: TE Gildner, TJ Cepon-Robins, MA Liebert, SS Urlacher, **JM Schrock**, CJ Harrington, JJ Snodgrass, & LS Sugiyama. Living condition variation and indigenous health: associations between market integration and soil-transmitted helminth parasite load among Shuar of Amazonian Ecuador. Poster at the 79th Annual Meeting of the Society for Applied Anthropology, Portland, OR.
- 2018: Bedbury A, Cepon-Robins TJ, Gildner TE, **Schrock JM**, Eick G, Bedbury A, Liebert MA, Urlacher SS, Madimenos FC, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, & Snodgrass JJ. Associations between demography and fecal calprotectin levels of indigenous Shuar of Ecuadorian Amazonia. Committee on Diversity Undergraduate Research Symposium, Poster at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- 2018: Cepon-Robins TJ, Gildner TE, **Schrock JM**, Eick G, Bedbury A, Liebert MA, Urlacher SS, Madimenos FC, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, & Snodgrass JJ. Immune response to soil-transmitted helminths is associated with reduced intestinal inflammation: Preliminary evidence from Amazonian Ecuador. Poster at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- 2018: Gildner TE, Liebert MA, **Schrock JM**, Urlacher SS, Harrington CJ, Cepon-Robins TJ, Madimenos FC, Bribiescas RG, Sugiyama LS, & Snodgrass JJ. Salivary Testosterone and Adiposity among Shuar Men: Body Composition Variation in an Indigenous, Subsistence Population. Poster at the 43rd Annual Meeting of the Human Biology Association, Austin, TX.
- 2018: Gildner TE, Urlacher SS, Liebert MA, Cepon-Robins TJ, **Schrock JM**, Madimenos FC, Harrington CJ, Snodgrass JJ, & Sugiyama LS. Lifestyle Changes and Immune Function: Associations between Immunoglobulin E Levels and Market Integration among Indigenous Shuar from Amazonian Ecuador. Poster at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- 2017: Cepon-Robins TJ, Kuteesa M, Barrett TM, Mugisha J, Hallett E, **Schrock JM**, Geddes L, Mbabazi P, Kowal P, Seeley J & Snodgrass JJ. The effects of lifestyle factors and social support on physical activity patterns among older adults from Uganda: preliminary analyses from WHO's SAGE-PA Uganda sub-study. Poster at the 86th Annual Meeting of the American Association of Physical Anthropologists, New Orleans, LA.
- 2017: Gildner TE, Liebert MA, Cepon-Robins TJ, Bribiescas RG, Urlacher SS, **Schrock JM**, Harrington CJ, Madimenos FC, Sugiyama LS, & Snodgrass JJ. Associations between testosterone levels and parasite load: testing life history tradeoffs among indigenous Shuar men

CAMPUS PRESENTATIONS

*Denotes an author mentored by JM Schrock

- 2024: **Schrock JM.** Current Issues in LGBTQ Health: Neuroimmune model of accelerated aging among sexual and gender minority people living with HIV. Institute for Sexual and Gender Minority Health, Northwestern University, Chicago, IL.
- 2023: **Schrock JM.** Biomarkers in SGM health research, Presentation for quantitative methods intensive course for T32 postdoctoral training program. Institute for Sexual and Gender Minority Health, Northwestern University, Chicago, IL.
- 2023: **Schrock JM.** Why does psychological stress lead to elevated cytokine levels? Affective and Clinical Neuroscience Lab, Northwestern University, Evanston, IL.
- 2023: **Schrock JM.** Psychoneuroimmunology and SGM health. Presentation for T32 Postdoctoral Seminar Series, Institute for Sexual and Gender Minority Health, Northwestern University, Chicago, IL.
- 2023: **Schrock JM.** Integrated neuroimmune model of problematic substance use and depression in people living with HIV, Affective and Clinical Neuroscience Lab, Northwestern University, Evanston, IL.
- 2022: Wang T*, **Schrock JM**, Hudson HE, Mustanski B. A pandemic of stress: Stressor associations with blood pressure and inflammation in sexual and gender minority youth. ResearchStart Symposium, University of Illinois-Chicago, Chicago, IL.
- 2022: **Schrock JM.** Marijuana use and cardiometabolic health among sexual and gender minority youth. Postdoctoral Showcase, Institute for Sexual and Gender Minority Health, Northwestern University, Chicago, IL.
- 2020: **Schrock JM.** Inflammation, traumatic events and mental health in the RADAR cohort. Current Issues in LGBTQ Health Symposium, Institute for Sexual and Gender Minority Health, Northwestern University, Chicago, IL.
- 2020: **Schrock JM.** Inflammation, sickness, and mood among Shuar forager horticulturalists of Northern Amazonia. Evolutionary and Ecological Approaches to Health and Development Lab Group, Northwestern University, Evanston, IL.
- 2019: Bloom MF*, Brand CM, **JM Schrock**, & Sugiyama LS (2019). Dating app use is associated with less sexual restrictedness in both men and women. Ninth Annual Undergraduate Research Symposium, University of Oregon, Eugene, OR
- 2016: Hallet E*, **Schrock JM**, Cepon-Robins TJ, Barrett TM, Kowal P, & Snodgrass JJ. Physical activity and health among older adults in rural and peri-urban Uganda using accelerometry: The

results of a SAGE sub-study. Sixth Annual Undergraduate Symposium, University of Oregon, Eugene, OR

2015: **Schrock JM.** Food insecurity, socioeconomic status, and body composition among older adults in India. The Department of Anthropology Colloquium Series, University of Oregon, Department of Anthropology, Eugene, OR

2013: **Schrock JM.** Socioeconomic status and telomere length in a sample of African American men. The 2013 Graduate Symposium and Charles C. Shepard Award Presentation, Emory University, Rollins School of Public Health, Atlanta, GA

SCIENCE COMMUNICATION

[JM Schrock is the sole author or interviewee, unless otherwise specified]

2020: Radio interview about the emotion of sickness – *Wisconsin Public Radio* (January 1)

2019: “Feeling sick is an emotion meant to help you get better faster” – *The Conversation* (December 17)

SELECTED MEDIA COVERAGE

2022: “Can body mass index explain marijuana’s anti-inflammatory effects?” – Angela Stelmakowich, *Vancouver Sun* (February 4)

2019: “That sick feeling might actually be an emotion” – *Futurity* (November 15)

SERVICE

NIH Study Section Reviewer

ZRG1 IIDB-L (02) Member Conflict: Topics in HIV Comorbidities and Clinical Studies (2026)

Pilot Grant Reviewer, Third Coast Center for AIDS Research

Clinical, Behavioral, and Implementation Sciences Panel (November 2025)

NIH Study Section Reviewer

RFA DA-24-005 Mechanistic Studies of the Effects of Psychosocial Stress on Complex Morbidity Involving SUD, Psychiatric Disorders, and HIV (2024)

Application Reviewer

2024 Training Program in Translational Science, HIV, and Sexual and Gender Minority Health (T32MH130325)
2023 Training Program in Translational Science, HIV, and Sexual and Gender Minority Health (T32MH130325)

Ad-hoc Journal Reviewer

Public Health Nutrition
QJM: An International Journal of Medicine
Evolution and Human Behavior
Journal of the International AIDS Society
Drug and Alcohol Dependence
Journal of NeuroVirology
Health Psychology
Brain, Behavior, and Immunity – Health
Evolution, Medicine, and Public Health
Royal Society Open Science
American Journal of Preventive Medicine
Brain, Behavior, and Immunity

Conference Abstract Reviewer

2021 National LGBTQ Health Conference
2022 National LGBTQ Health Conference
2024 National LGBTQ Health Conference

Postdoctoral Representative: THRIVE Research Center Leadership Committee, Northwestern University (2021-2022)

Volunteer Trainer: Huerto de la Familia Health Fair (2015, 2018)

Anthropology Department Steward: Graduate Teaching Fellows Federation (2016-17)

Session Chair: Economics of Aging in Low and Middle Income Countries. Population Association of America 2015 Annual Meeting, San Diego, CA

Health Promotion Intern: Georgia Center for Oncology Research and Education (2012-13)

CONTINUING EDUCATION

2024-2025: *Advancing Mentoring Excellence*. Northwestern University's Office of the Provost.
2023: *Neuroscience of Addiction*. Cold Spring Harbor Laboratory. June 15.
2022: *Educational Short Course: Preclinical PNI models for human neuropsychiatric disorders*.
 Psychoneuroimmunology Research Society Annual Meeting. June 15.

2022: *Facilitating Discussions in the Social Sciences*. Searle Center for Advanced Learning and Teaching, Northwestern University. February 23.