

Siena A. Senn

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EDUCATION

Rollins School of Public Health at Emory University

Atlanta, GA

Doctor of Philosophy in Epidemiology, Infectious Disease Substantive Area

May 2028 (Expected)

- Relevant Coursework: Probability Theory, Concepts and Methods in Infectious Disease Epidemiology (In Progress)

Milken Institute School of Public Health at George Washington University

Washington, DC

Master of Public Health in Epidemiology

December 2023

- GPA: 4.0
- Culminating Experience: "Let's Talk About Sex: The Association Between Confidentiality Mandates in State-Level Policies and HIV/STI Testing"
- Relevant Coursework: Use of Statistical Packages for Data Management and Data Analysis; Applied Epidemiologic Data Analysis; Epidemiologic Methods I: Design of Health Studies; Epidemiologic Methods II: Advanced Epidemiology Methods; Epidemiology of HIV/AIDS; Pediatric HIV/AIDS; Ending the HIV Epidemic; Epidemiology of LGBTQ+ Health

Davidson College

Davidson, NC

Bachelor of Arts in Public Health, Minor in Hispanic Studies

May 2022

- GPA: 4.0 (Valedictorian — Summa Cum Laude, First Honor)
- Thesis: "Health Disparities in the Hispanic/Latinx Community: The Impact of Nutrition Literacy and Perceived Discrimination" (High Honors)
- Relevant Coursework: Biostatistics for Life Scientists; Calculus I and Modeling; Sociobiology of Health and Illness; Health Psychology; Child Psychopathology; Public Health Ethics; Nutrition, Bodies and Health; Biology of COVID-19; Drugs and Behavior; Health Disparities in the US and Beyond; Organic Chemistry; Microbiology; Biochemistry; Genetics

University of Rochester

Santiago, Chile

IES Abroad: Virtual World Discover Program — Spanish for Health Sciences

August 2020

- Completed intensive study of language and culture with a focus on medical lexical acquisition and health systems

RESEARCH AND WORK EXPERIENCE

Allan Rosenfield, M.D., HIV/AIDS Public Policy Fellow

Washington, DC

amfAR, The Foundation for AIDS Research

January 2024 – July 2024

- Mentors: Greg Millet, MPH, Brian Honermann, JD, Jennifer Sherwood, PhD and Elise Lankiewicz, MPH
- Provided technical assistance to inform evidence-based domestic and global HIV response decision-making, including analyses for strengthening country-coordinating mechanism functioning and community-led monitoring
- Performed manual aggregation and cleaning to update dashboards on the opioid epidemic and funding streams
- Supported policy-related project portfolios on gender, sexual and reproductive health, and human rights

Culminating Experience Principal Investigator

Washington, DC

Milken Institute School of Public Health Department of Epidemiology

July 2023 – December 2023

- Mentor: Scott Quinlan, PhD
- Formulated whether residing in a state mandating confidentiality for HIV/STI testing was associated with uptake among 9th - 12th grade minor students and ascertained if gender functioned as an effect modifier within this relationship
- Confirmed current statutes and regulations from existing resources; concatenated data and ran multivariable logistic regression models for confounding control with the 2019 Youth Risk Behavior Survey (YRBS)

Analyst

Washington, DC

Association of American Medical Colleges (AAMC) Research and Action Institute

June 2023 – December 2023

- Mentors: Atul Grover, MD, PhD and Kendal Orgera, MPH, MPP
- Composed research briefs on policy financing issues and academic medicine topics, including behavioral health professional shortages, service line profitability, market consolidation, life expectancy and rural health care
- Wrote accessible reports for federal government employees and developed interactive visualization maps in Tableau

Graduate Research Assistant

Milken Institute School of Public Health Department of Epidemiology

Washington, DC
February 2023 – July 2023

- Mentors: Amanda Castel, MD, MPH, FAAP and Jenny Yeon Hee Kim, MPH
- Identified relevant articles while directing data extraction regarding the impact of COVID-19 on the HIV care continuum
- Built figures and tables to effectively present statistics on antiretroviral prescriptions, adherence and suppression rates

Health Equity Coordinator

CareNu – Chapters Health System (Independent Contractor)

Tampa, FL
July 2022 – September 2022

- Mentors: Paola Bianchi Delp, MBA, MHA and Maya Kaczmarek, MBA
- Drafted grant proposals to benefit aligned beneficiary population; reviewed in-depth community health needs assessments with providers and created training modules on implicit bias as well as emotional intelligence
- Constructed geo-mapping dashboards to recognize county-level inequities in Power BI

Senior Thesis Principal Investigator

Davidson College Center for Interdisciplinary Studies

Davidson, NC
November 2020 – May 2022

- Mentors: Lauren Stutts, PhD and Kyra Kietrys, PhD
- Calculated *t*-tests and correlations to deduce if medical mistrust acts as a mediator between general perceived discrimination and utilization of preventive services; defended final 110+ page project during an oral examination

Summer Research Fellow

Davidson College Department of Public Health

Davidson, NC
May 2021 – July 2021

- Mentor: Lauren Stutts, PhD
- Designed and analyzed an experiment considering differences in health literacy, nutrition literacy and health-promoting behaviors among racial and ethnic groups; collected primary data by administering different measures via Prolific

Undergraduate Research Assistant

Davidson College Department of Biology

Davidson, NC
May 2020 – March 2021

- Mentor: David Wessner, PhD
- Compiled an extensive literature review on remote learning and thematic teaching to justify research objectives
- Evaluated standard course feedback instruments to assess student perceptions; coded common themes in comments

PUBLICATIONS

Senn, S., Roberson, N., Brunet, L., Lankiewicz, E., Sherwood, J., Honermann, B. and Millett, G. (2024). Rejection of Federal Resources by Southern States: Consequences for Trump's Ending the HIV Epidemic Initiative. *AIDS Patient Care and STDs*. (Under Minor Revision)

Kates, J., Stenoëin, D., Honermann, B., Lankiewicz, E., **Senn, S.**, Brunet, L. and Baral, S. (2024) Key Populations, Equity and the Unfinished HIV Agenda. *Equity in the HIV Response: Assessing Progress and Charting a Way Forward*. Joint United Nations Programme on HIV/AIDS, United States President's Emergency Plan for AIDS Relief, Bureau of Global Health Security and Diplomacy, United States Department of State. https://www.unaids.org/sites/default/files/media_asset/equity-in-the-hiv-response_en.pdf

Sherwood, J. and **Senn, S.** (2024). Dual Epidemics: Leveraging HIV Infrastructure to Support HPV Prevention, Testing, and Cervical Cancer Elimination Goals. amfAR, the Foundation for AIDS Research. <https://www.amfar.org/wp-content/uploads/2024/05/IB-Dual-Epidemics-B-053024v903-FINAL.pdf>

Grover, A., Orgera, K., Pincus, L., **Senn, S.** and Redford, G. (2024). Why Market Power Matters for Hospitals, Insurers, and Patients. Association of American Medical Colleges. <https://www.aamcresearchinstitute.org/our-work/data-snapshot/why-market-power-matters>

Sharp, A., Sherwood, J., Brunet, L., Lankiewicz, E., **Senn, S.**, Deniau, L., Douomong, S., Elkhammas, M., Fogutito, F., Karunanithy, A., Mubiru, K., Mufanequico, C., Nakpor, T., Njane, P., Simões, D., Some, V. and Tshabalala, S. (2024). Community Engagement in Global Fund Country Coordinating Mechanisms: Findings from the RISE Study. amfAR, The Foundation for AIDS Research. https://www.amfar.org/wp-content/uploads/2024/04/Rise-Report-2024-booklet_FINAL.pdf

Senn, S., Orgera, K. and Ramirez, L. (2023). Who's Your Therapist? Examining the Behavioral Health Workforce. Association of American Medical Colleges. <https://www.aamcresearchinstitute.org/our-work/data-snapshot/whos-your-therapist>

Orgera, K., **Senn, S.** and Grover, A. (2023). Rethinking Rural Health. Association of American Medical Colleges.
<https://www.aamcresearchinstitute.org/our-work/issue-brief/rethinking-rural-health>

Kim, J., Barth, S.K, Ahsan, S., Kovacic, J., **Senn, S.**, Monroe, A.K. and Castel, A.D. (2023). The Impact of COVID-19 on the HIV Continuum of Care: Challenges, Innovations and Opportunities. *Expert Review of Anti-Infective Therapy*. doi: [10.1080/14787210.2023.2239503](https://doi.org/10.1080/14787210.2023.2239503)

Senn, S., Stutts, L.A. and Kietrys, K.A. (2023). Health Care Discrimination and Psychological Health by the Intersection of Ethnicity and Income. *Stigma and Health*. doi: [10.1037/sah0000448](https://doi.org/10.1037/sah0000448)

Senn, S. and Wessner, D. R. (2021). Maintaining Student Engagement During an Abrupt Instructional Transition: Lessons Learned from COVID-19. *J. Microbiol Biol Educ.* 22(1), 22.1.47. doi: [10.1128/jmbe.v22i1.2305](https://doi.org/10.1128/jmbe.v22i1.2305)

CONFERENCE AND INVITED PRESENTATIONS

Stenooin, D., Dusic, E., Brunet, L., **Senn, S.**, Lankiewicz, E., Operario, D., Sherwood, J. and Restar, A. "State-Level Transgender Policy Index and Implications on the U.S. HIV Response." The International AIDS Conference. Munich, Germany. July 23, 2024.

Oladipo, J.O., Rambau, N., Sono, L., Damane, N., Rutter, L., Lankiewicz, E., **Senn, S.** and Tshabalala, S. "Disparities in Quality of Care Among Trans Men and Women in South Africa: Findings from Ritshidze's Community-Led Monitoring." The International AIDS Conference. Munich, Germany. July 23, 2024.

Rambau, N., Setshogelo, B., Nyathi, M., Rutter, L., Lankiewicz, E., **Senn, S.** and Yawa, A. "Predictors of Waiting Time at Public Health Facilities in South Africa: Evidence for Ritshidze's Community-Led Monitoring." The International AIDS Conference. Munich, Germany. July 23, 2024.

Chibweshwa, C., Young, C., Lussigny, S., Footman, A., Akin, O., Hamilton, S., **Senn, S.** and Sherwood, J. "Advancing Global Health Equity: Investing in Integrated HIV, HPV, and Cervical Cancer Initiatives." Funders Concerned About AIDS. Virtual. May 30, 2024.

Senn, S. "The Impact of COVID-19 on the HIV Continuum of Care." Guest Lecturer for Davidson College Department of Biology. Davidson, NC. September 18, 2023.

Martinez Quiroz, J. D., **Senn, S.** and Stutts, L. A. "Health Disparities in the Hispanic/Latinx Community Through an Intersectional Lens: Ethnicity and Gender." Association for Behavioral and Cognitive Therapies. New York, NY. November 18, 2022.

Senn, S., Stutts, L. A. and Kietrys, K. A. "Health Disparities in the Hispanic/Latinx Community: The Impact of Perceived Discrimination." Davidson College Verna Miller Case Symposium. Davidson, NC. April 30, 2022.

Senn, S. and Kietrys, K. A. "Spanish in Davidson K-8 School." Davidson College Verna Miller Case Symposium. Davidson, NC. April 30, 2022.

Senn, S. and Stutts, L. A. "Nutrition Literacy and Health Disparities in the Hispanic/Latinx Community." Davidson College Summer Research Symposium. Davidson, NC. October 12, 2021.

Senn, S. and Stutts, L. A. "Nutrition Literacy and Health Disparities in the Hispanic/Latinx Community." National Institutes of Health (NIH) Workshop. Food Insecurity, Neighborhood Food Environment and Nutrition Health Disparities: State of the Science. Virtual. September 21 – 23, 2021.

Senn, S. and Wessner, D. R. "Maintaining Student Engagement During an Abrupt Instructional Transition: Lessons Learned from COVID-19." National Association of Biology Teachers Conference. Virtual. November 7, 2020. Awarded 2nd Place in Undergraduate Biology Education Research.

Senn, S. "Maintaining Student Engagement During an Abrupt Instructional Transition: Lessons Learned from COVID-19." Davidson College Verna Miller Case Symposium. Davidson, NC. April 30, 2021.

TEACHING EXPERIENCE

Epidemiologic Methods I (EPI 530)

Rollins School of Public Health at Emory University

Atlanta, GA

August 2024 – Present

- Lead own discussion section for 18 students and prepare in-class activities to reinforce topics including measures of frequency, study design, random variability and bias; grade assignments, exams and group presentations promptly

AWARDS AND DISTINCTIONS

Chair Award <i>Milken Institute School of Public Health Department of Epidemiology</i> <ul style="list-style-type: none">• Voted as most outstanding student of the academic year by all faculty	Washington, DC <i>May 2024</i>
Delta Omega Honorary Society <i>Omega Chapter of George Washington University</i> <ul style="list-style-type: none">• Recognized for commitment to quality in the field of public health and devotion to advancing well-being for all	Washington, DC <i>May 2023</i>
NCAA Woman of the Year <i>Davidson College and Atlantic 10 Conference</i> <ul style="list-style-type: none">• Nominated for exceptional academic achievements, athletic ranking and service	Indianapolis, IN <i>July 2022</i>
Rebecca E. Stimson Award <i>Davidson College</i> <ul style="list-style-type: none">• Named top female athlete for outstanding dedication and contribution to intercollegiate athletics	Davidson, NC <i>April 2022</i>
Sigma Delta Pi <i>Omega Chapter of Davidson College</i> <ul style="list-style-type: none">• Honored for admirable understanding of literature in Hispanic Studies	Davidson, NC <i>March 2022</i>
Phi Beta Kappa <i>Gamma Chapter of North Carolina</i> <ul style="list-style-type: none">• Elected as 1 of 10 early inductees for liberal arts excellence	Davidson, NC <i>August 2021</i>

SCHOLARSHIPS AND GRANTS

Doctoral Funding <i>Rollins School of Public Health at Emory University</i> <ul style="list-style-type: none">• Offered a comprehensive package valued at over \$110,000 annually with full tuition, health insurance and a stipend	Atlanta, GA <i>August 2024 – May 2029</i>
NCAA Postgraduate Scholarship <i>Davidson College</i> <ul style="list-style-type: none">• Selected as 1 of 21 women for \$10,000 endowment given academic and athletic accomplishments	Indianapolis, IN <i>June 2023 – Present</i>
Full-Ride Athletic Scholarship <i>The George Washington University</i> <ul style="list-style-type: none">• Rewarded with \$55,000 for the cost of tuition, room, board and books	Washington, DC <i>May 2022 – May 2023</i>
Full-Ride Merit Scholarship <i>Milken Institute School of Public Health Department of Epidemiology</i> <ul style="list-style-type: none">• Recipient of financial support totaling \$79,425 following rigorous application process	Washington, DC <i>May 2022 – December 2023</i>
Carolina Panthers Graduate Scholarship <i>National Football League (NFL)</i> <ul style="list-style-type: none">• Accepted \$10,000 on the basis of citizenship and character as a female student-athlete	Charlotte, NC <i>May 2022 – May 2023</i>
Abernethy Endowment Grant <i>Davidson College</i> <ul style="list-style-type: none">• Allocated \$1,000 to complete an independent study for 14 weeks	Davidson, NC <i>November 2021 – May 2022</i>
Burton Family Scholarship <i>Davidson College</i> <ul style="list-style-type: none">• Earned \$10,000 for athletic improvement and exceeding time standards	Davidson, NC <i>August 2021 – May 2022</i>
Davidson Research Initiative Grant <i>Davidson College</i> <ul style="list-style-type: none">• Secured \$6,800 stipend for collaborative research for 10 weeks	Davidson, NC <i>May 2021 – July 2021</i>
Dean Rusk International Studies Program Grant <i>Davidson College Office of Education Abroad</i> <ul style="list-style-type: none">• Funded with \$4,260 to participate in a remote immersion program for 8 weeks	Davidson, NC <i>June 2020 – August 2020</i>

C.T. Stowe Scholarship*Davidson College*

- Awarded with \$57,500 for swimming performance and competitive caliber

Davidson, NC*August 2018 – May 2022***Susan W. Coda Memorial Scholarship***P.E.O. Sisterhood*

- Attained \$5,220 merit package for leadership abilities, extracurricular activities and community involvement

Salt Lake City, UT*August 2018 – May 2019*

CLINICAL EXPERIENCE

Patient Advocate*Thoracic Outlet Syndrome (TOS) Education*

- Attend educational events to share diagnostic story and improve awareness of symptoms, tests and treatment for TOS

Remote*May 2023 – Present***Medical Assistant and Interpreter***People's Health Clinic*

- Measured vital signs, charted medical history, sterilized instruments and administered COVID-19 vaccines
- Translated and communicated information for medical providers to Spanish-speaking patients and families

Park City, UT*June 2021 – August 2021*

LEADERSHIP POSITIONS

Disability, Illness, and Divergent Collaborative Member*Rollins School of Public Health at Emory University*

- Establish a safe, all-inclusive space to dismantle ableism and continue conversations about navigating accessibility services

Atlanta, GA*August 2024 – Present***Private Swim Lesson Instructor***Eagle Swim Club (Independent Contractor)*

- Deliver water safety instruction and stroke-specific technique across all ages while adapting style to individual needs

Atlanta, GA*August 2024 – Present***Secretary and Member-at-Large***Delta Omega Honorary Society*

- Maintained official records, conducted duties related to special projects and approved meeting minutes

Washington, DC*September 2023 – August 2024***Milken Por La Salud Member***The Gil-Lebovic Center for Community Health in the Caribbean and Latin America*

- Hosted workshops on bilingualism, cultural humility and overall conscientiousness with guest speakers
- Participated in general body forums to outline future events, volunteer opportunities and local programming

Washington, DC*August 2022 – December 2023***Social Justice Committee Representative***Davidson College Swimming and Diving*

- Facilitated small-group discussions on anti-racism to combat bigotry; organized swim lessons with local non-profits

Davidson, NC*May 2020 – May 2022***Nutritional Health Board Member***Health Justice Committee*

- Engaged with peers on a wide range of areas including mental health, reproductive health and environmental health

Davidson, NC*August 2020 – May 2022***Third Grade Teacher***Spanish in Davidson Elementary Schools*

- Designed bi-monthly lesson plans for elementary Spanish classes with creative assessment tools to track progress
- Developed speaking confidence and strong communication skills to respond spontaneously to classroom situations

Davidson, NC*August 2020 – May 2022***Administrative Liaison***Academic Access and Disability Resources Office*

- Distributed class materials to assist students with accommodations and uploaded personal notes

Davidson, NC*August 2019 – May 2021***Service Board Member***Rusk Eating House*

- Executed philanthropy to fight hunger and food insecurity while providing 3,000+ sandwiches for unsheltered people

Davidson, NC*February 2019 – May 2022***Executive Team Member***Athletes for Christ*

- Volunteered as a local high school mentor and cooked meals for families with ill loved ones with various outreach projects

Davidson, NC*August 2018 – May 2022*

INTERCOLLEGIATE ATHLETICS

NCAA Division I Scholar-Athlete

Davidson, NC | Washington, DC

Women's Swimming – Davidson College and George Washington University

August 2018 – May 2023

- Demonstrated excellent time management and balanced courses with a 30-hour weekly rigorous training schedule
- Collegiate Sports Communicators Academic All-District Team (2023); Princeton Big AI Inspiration Award (2023); Atlantic 10 All-Academic Team (2020, 2021, 2022, 2023); Atlantic 10 Record Holder in 800 Freestyle Relay (2023); Atlantic 10 Women's Swimming and Diving Team Champion (2023); Atlantic 10 Commissioner's Honor Roll (2019, 2020, 2021, 2022, 2023); Atlantic 10 Champion in the 500 Freestyle (2020, 2021); Breakout Performer of the Year (2019, 2020)

SKILLS AND CERTIFICATIONS

- R Studio, Qualtrics, SPSS, SAS, STATA, Zotero, Prolific, Covidence, and Microsoft Office (Excel, Word, PowerPoint, Teams)
- Full Professional Proficiency in Spanish (Reading, Writing, Speaking)
- Collaborative Institutional Training Initiative Certification in Human Subjects Research, Public Health Research, Responsible Conduct of Research, Information Privacy Security and Conflicts of Interest