

UNIVERSITY OF PENNSYLVANIA - SCHOOL OF NURSING  
Curriculum Vitae

August 2023

**SEUL KI CHOI, PhD, MPH**

**BUSINESS ADDRESS**

Department of Family and Community Health  
University of Pennsylvania School of Nursing  
418 Curie Blvd, Room 243L  
Philadelphia, PA, 19104  
(215) 573-4734  
[skchoi@nursing.upenn.edu](mailto:skchoi@nursing.upenn.edu)

**EDUCATION**

- 2014 – 2019                    **Doctor of Philosophy in Health Behavior**  
University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Chapel Hill, NC  
*Dissertation: Sexual Empowerment and Stigma among Young Black Men who have Sex with Men: healthMpowerment.org, a mobile phone optimized online intervention to reduce sexual risk behaviors*
- 2012 – 2014                    **Master of Public Health in Biostatistics**  
Indiana University – Bloomington, School of Public Health, Bloomington, IN
- 2008 – 2012                    **Bachelor of Public Health**  
**Bachelor of Business Administration**  
Ewha Womans University, Seoul, Republic of Korea

**POSTGRADUATE TRAINING & FELLOWSHIP APPOINTMENTS**

- 2022 –                            **Senior Fellow**  
Leonard Davis Institute of Health Economics  
University of Pennsylvania, Philadelphia, PA
- 2021 – 2022                    **HIV Implementation Science Fellow**  
Inter-CFAR Fellowship Program in Implementation Science  
Johns Hopkins University, Center for AIDS Research, Baltimore, MD
- 2019 – 2022                    **Postdoctoral Fellow**  
Program on Sexuality, Technology & Action Research  
Department of Family and Community Health  
University of Pennsylvania, School of Nursing, Philadelphia, PA

## **PROFESSIONAL EXPERIENCE**

- 2022 – Present      **Research Assistant Professor**  
Department of Family and Community Health  
University of Pennsylvania, School of Nursing, Philadelphia, PA
- 2022 – Present      **Eidos Faculty**  
Eidos LGBTQ+ Health Initiative  
University of Pennsylvania, School of Nursing, Philadelphia, PA
- 2022 – Present      **Member**  
mHealth Research Affinity Group, Children’s Hospital of Philadelphia
- 2011 – 2012        **Program Assistant**  
Korea National Cancer Center, National Cancer Control Institute, Cancer Control Administration Team
- Dispatched to Division of Disease Policy, Ministry of Health and Welfare of South Korea
  - Managed national financial aid program for cancer patients
  - Educated regional cancer center officers
  - Developed national cancer prevention media campaign

## **RESEARCH INTERESTS**

HIV/AIDS prevention \* sexual and gender minority populations \* social determinants of health \* health disparities \* sexual risk behaviors \* empowerment \* implementation science \* theory-based health intervention \* intervention evaluation \* research methodology & design \* digital health intervention \* precision health \* user-entered approach \* paradata

## **RESEARCH SKILLS**

Statistical analysis (SAS-Macro, Mplus) \* data management & cleaning \* mediation \* structural equation modeling \* psychometric analysis \* latent class analysis \* group-based trajectory modeling

## **RESEARCH EXPERIENCE**

- 2015 – 2019        **Research Assistant**  
University of North Carolina at Chapel Hill, School of Medicine, Chapel Hill, NC
- Worked as a research assistant in Behavior and Technology Lab (led by Drs. Hightow-Weidman and Muessig)
  - Worked on healthMpowerment.org (HMP) and Enlaces por la salud projects, two interventions to reduce HIV risk in North Carolina
  - Conducted data management and analysis, including logistic regression, mediation, confirmatory factor analysis, latent profile analysis, and zero-inflated Poisson
  - Published my findings and prepared results for other reports as needed
  - Used research findings to write PhD dissertation

2015 – 2019

**Student Statistician**

University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC

- Served as a student statistician in the Biostatistics Core Group collaborating with Geriatric Oncology group (led by Dr. Hy Muss)
- Analyzed and interpreted studies about breast cancers in geriatric populations and financial toxicity; utilized Poisson regression and log-binomial regression, among others; published approximately 15 papers
- Used SAS Macro to create efficient syntax that produced easy-to-read documents for PIs

2014 – 2015

**Research Assistant**

Department of Health Behavior, University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Chapel Hill, NC

- Worked on the “Early Intervention to Engage Parents in Socializing Children Against Alcohol Use project”
- Analyzed data utilizing multivariate analysis of variance and parallel mediation

2013 – 2014

**Graduate Assistant**

Study Design and Analysis Consulting Center, Indiana University – Bloomington, Bloomington, IN

- Worked as a student statistician, investigating the relationship between colon cancer patients’ consumption of Vitamin D and their quality of life using the generalized estimating equations (GEE) model

**TEACHING EXPERIENCE**

Fall, 2018

**Teaching Assistant**

University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Chapel Hill, NC

Course: *Data Analysis for Public Health* (Graduate level)

- Assisted teaching this introductory course of the MPH core curriculum that focuses on biostatistics and analysis methods used in public health
- Aided faculty member with classroom instruction, exams, grading, and other miscellaneous projects
- Held weekly office hours for students and assisted them with assignments
- Prepared and taught lab sessions

Spring, 2013

**Graduate Assistant**

Indiana University – Bloomington, School of Public Health, Bloomington, IN

Course: *Drug Use in American Society* (Undergraduate level)

- Assisted teaching this course that studies drug use in American society, examining the effects of alcohol, tobacco, and the illicit' drugs on physical, mental, and social health
- Helped faculty member with classroom instruction, exams, grading, and other miscellaneous projects

Fall, 2012

**Graduate Assistant**

Indiana University – Bloomington, School of Public Health, Bloomington, IN

Course: *Obesity and Health* (Undergraduate level)

- Assisted teaching this course focusing on the physiological, social, cultural, and behavioral aspects of health weight management and obesity prevention; topics covered included the impact of obesity on individual, family, and community health
- Assisted faculty member with classroom instruction, exams, grading, and other miscellaneous projects
- Mentored student group projects

## **HONORS AND AWARDS**

2018	Graduate Student Opportunity Fund The Graduate School, University of North Carolina at Chapel Hill
2017, 2018	Graduate Student Summer Research Fund Provost's committee on LGBTQ life, University of North Carolina at Chapel Hill
2017	JoAnne Earp Health Behavior Travel Award Department of Health Behavior, University of North Carolina at Chapel Hill
2016	Graduate Student Transportation Grant The Graduate School, University of North Carolina at Chapel Hill

## **GRANTS**

### *In-preparation*

**R01** (PI: Choi) To be submitted in 2024  
NIH/NIMHD  
Role: Principal Investigator  
*An AI coach to promote digital health intervention engagement and HIV prevention outcomes for young Black and Latino men who have sex with men*  
The proposed project aims to evaluate the usefulness and reliability of ChatGPT in providing pertinent and satisfactory information as an AI coach in digital health intervention for YBLMSM to promote HIV care continuum outcomes by sustaining their engagement.

**R03/21** (PI: Choi) To be submitted in 2024  
NIH/NIMHD  
Role: Principal Investigator  
*A multi-trial secondary data analysis across different digital health intervention studies.*  
This study aims to define engagement thresholds in DHI using latent profile analysis (LPA), a person-centered statistical method used to estimate unmeasured profile memberships within a sample with continuous factors.

### *Submitted*

**UG3/UH3** (PI: Monroe, Genberg) submitted in Aug, 2022  
NIH  
Role: Co-Investigator  
*Mid-Atlantic CFAR cohort for research to optimize viral suppression (MACCROS)*

The proposed project aims to recruit a 1,000-person cohort of persons living with HIV who have or are at risk of having an elevated viral load in the Mid-Atlantic urban metro corridor of Philadelphia, Baltimore, and Washington, D.C. The proposed study will leverage social media, recruitment from existing cohorts, and clinic referrals to enroll in the MACCROS cohort. We will leverage participant engagement to inform effective implementation strategies for the rollout of long-acting injectable antiretrovirals for patients with HIV.

*Active Support*

**Included Health - 0123\_LGBTQ+ Project Assessment** (PI: Choi) 06/01/23-12/31/23  
Included Health

Role: Principal Investigator

*Enhancing the collective understanding of LGBTQ+ health and contributing valuable and novel findings to the broader LGBTQ+ knowledge base, this study involves analyzing members of Included Health who have utilized LGBTQ+ health navigation services*

In January 2023, The Eidos LGBTQ+ Health Initiative at the University of Pennsylvania and Included Health initiated discussions to explore opportunities for both organizations to apply their shared skillsets toward a deeper comprehension of LGBTQ+ healthcare accessibility. The primary goal of this collaboration is to enhance the collective understanding of LGBTQ+ health by discerning the sentiments of members who utilize LGBTQ+ health navigation services. This includes estimating the impact these services have on members' likelihood to seek care, their trust in the healthcare system, and their health literacy.

**R01MD013401** (PI: Bauermeister/Muessig) 07/01/18-06/30/23  
NIH/NIMHD

Role: Postdoctoral Researcher

*Increasing engagement and improving HIV care outcomes via stigma reduction in an online social networking intervention among racially diverse young men who have sex with men and transgender women*

Through a three-arm randomized trial, we will assess the ability of social support components of an online, mobile-optimized intervention to reduce stigma and improve HIV prevention and care behaviors among young Black and Latinx men who have sex with men and transgender women ages 15 to 29.

**U19HD089881** (Hightow-Weidman/Sullivan) 08/01/16-06/30/22  
NIH/NICHD

Role: Postdoctoral Researcher

*The UNC/Emory Center for Innovative Technology (iTech) across the prevention and care continuum*  
iTech aims to lower the burden of HIV infection among young men who have sex with men aged 15-24 years in the United States by providing: 1) treatment as prevention for those without HIV but at risk; 2) earlier identification and treatment for those infected but undiagnosed; 3) interventions to address structural determinants that decrease access to and uptake of prevention and care services; and 4) treatment interventions to encourage adherence for youth dealing with substance use, mental health-related issues, stigmatization and disenfranchisement.

**U01MD011274** (PI: Bauermeister/Sullivan/Stephenson) 07/28/16-02/29/21  
NIH/NIMHD

Role: Postdoctoral Researcher

*Reducing HIV vulnerability through a multilevel life skills intervention for adolescent men*

The major purpose of this study is to deliver and test a life skills intervention targeting the key domains that fuel HIV disparities among adolescent MSM in the United States. This RCT will yield important information regarding the delivery of a developmentally appropriate HIV prevention program that reaches

racial/ethnic and socioeconomically diverse samples of adolescent MSM across four regions in the United States.

*Past Support*

**Program on Sexuality, Technology & Action Research (PSTAR) Grant** (PI: Choi) 2020  
PSTAR, University of Pennsylvania, School of Nursing

*Korea men who have sex with men (MSM) study*

The goal of this study is to assess the effects of fundamental causes (i.e., SES, age, stigma), psychological barriers (i.e., lack of self-esteem & social support, social isolation, poor mental health), and behavioral change motivators (i.e., social norms, self-efficacy) on HIV-related outcomes (i.e., engage in HIV testing and consistent condom use) among young men who have sex with men (MSM) in Seoul, Korea (N=180; ages 18-35). In addition, this study examines acceptability and willingness to receive HIV prevention interventions through mHealth approaches among MSM in Korea.

**American Psychological Association (APA) Dissertation Research Award** (PI: Choi) 2018  
American Psychological Association

*Sexual Empowerment among Young Black Men who have Sex with Men: healthMpowerment.org, a mobile phone optimized online intervention to reduce sexual risk behaviors*

This study seeks the efficacy of 3-month, theory-based, mobile phone-optimized, internet-based intervention to moderate the effect of sexual empowerment on sexual risk behaviors among young Black men who have sex with men. The study believes that a comprehensive internet-based HIV risk reduction intervention could be effective on not only sexual risk behavior reduction, but also on sexual empowerment in sexual risk behaviors.

**Surgeon General C. Everett Koop HIV/AIDS Research Grant** (PI: Choi) 2017  
Rural Center for AIDS/STD Prevention, Indiana University Bloomington

*Developing and validating a Sexual Empowerment Scale for Young Black Men who have Sex with Men*

The goal of this project is to develop and validate a measure to quantify sexual empowerment among young Black men who have sex with men. Sexual empowerment can be defined as a social action process that involves not only the participation of individuals, but also interactions or paradigm shifts between different socio-ecological levels, such as communities and societies with the goal of increasing safer sex behaviors or the ability of people to have control over or to change their risky sexual behavior within their social environment.

**R21MH105292-01A1** (PI: Bauermeister/Muessig) 09/01/15-07/31/17  
NIH/NIMH

Role: Research Assistant

*Addressing stigma among Black MSM in a mobile phone and internet HIV intervention*

The major goal of this project is to determine the influence of healthMpowerment.org (HMP), an existing mobile HIV prevention and care intervention for young Black men who have sex with men (YBMSM), on multiple forms of stigma and to examine associations between stigma, psychosocial mediators and prevention and care outcomes over time. YBMSM, the only risk group in the United States experiencing an increase in HIV/AIDS, face multiple forms of stigma related to sexuality, race, and HIV infection. No interventions have been designed to address the effects of these multiple stigmas among HIV-infected and uninfected YBMSM. Novel interventions that reduce the impact of stigma and thus improve psychosocial outcomes, reduce risk behaviors, and increase HIV testing and engagement in care among YBMSM are needed to improve individual health, reduce HIV transmission, and decrease healthcare costs.

**H97-HA26505** (PI: Hightow-Weidman) 09/01/13-08/31/18  
HRSA/HAB

Role: Research Assistant

*Enlaces Por La Salud*

The goal of this study is to increase the number of Mexican MSM/Trans Women living with HIV in North Carolina who are engaged in consistent care. To achieve this goal, the centerpiece of the intervention will be personal health navigators who will provide support to decrease barriers to identification, linkage, and retention in care for this population. To facilitate engagement and retention, we have partnered with clinics located in the high HIV prevalence counties in North Carolina with large Mexican populations. These clinics will expand care provision to better serve the target population, dedicate Spanish-speaking providers and staff and work closely with the personal health navigators to facilitate entry, engagement and retention.

**R01MH093275**

(PI: Hightow-Weidman)

09/20/11-06/30/17

NIH/NIMH

Role: Research Assistant

*HealthMpowerment.org: a novel mobile phone and Internet intervention for young Black men who have sex with men*

This study seeks to further refine and test in a statewide RCT a theory-based, Internet intervention (healthMowerment.org) to reduce sexual risk behaviors among YBMSM in North Carolina. While previous studies have found that computer-based interventions are efficacious in reducing HIV-related sexual risks, to date, no internet-based intervention has been developed specifically for YBMSM. Based on prior successful internet interventions to encourage weight loss, increase physical activity or promote smoking/alcohol cessation, we developed a theory-based website that provides tailored and personalized feedback. By enhancing the current intervention and including a mobile phone-based platform, we believe we can create a comprehensive internet-based HIV risk reduction intervention for a population that is underserved by currently available prevention interventions.

**R01AA016300**

(PI: Jackson/Ennett)

07/01/09-04/30/15

NIH/NIAAA

Role: Research Assistant

*Early intervention to engage parents in socializing children against alcohol use*

This research project design and evaluate a RCT home-based alcohol use prevention program for parents and their elementary-school-aged children. Early intervention is important in alcohol consumption since early initiation of alcohol use increases significantly the likelihood of alcohol use, high risk alcohol use (e.g., binge drinking), alcohol-related problems (e.g., diminished school performance), and other health risk outcomes (e.g., motor vehicle injury or death; pregnancy) during adolescence. A primary prevention program is needed that begins during childhood, engages parents, and successfully promotes an alcohol-free childhood.

## **PUBLICATIONS**

*Journal Articles: Research, Peer-Reviewed*

1. **Choi, S. K.**, Golinkoff, J., Lin, W. Y., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. (2023). Current and Future Perspectives of HIV Prevention Research Among Young Sexual Minority Men in South Korea. *Archives of Sexual Behavior*, 52(2), 721-732.
2. Houang, S. T., Kafka, J. M., **Choi, S. K.**, Meanley, S. P., Muessig, K. E., Bauermeister, J. A., & Hightow-Weidman, L. B. (2023). Co-occurring epidemic conditions among southern US Black men who have sex with men in an online eHealth intervention. *AIDS and Behavior*, 27(2), 641-650.

3. Bauermeister, J., **Choi, S. K.**, Bruehlman-Senecal, E., Golinkoff, J., Taboada, A., Lavra, J., ... & Haritatos, J. (2022). An Identity-Affirming Web Application to Help Sexual and Gender Minority Youth Cope With Minority Stress: Pilot Randomized Controlled Trial. *Journal of Medical Internet Research*, 24(8), e39094.
4. **Choi, S. K.**, Golinkoff, J., Michna, M., Connochie, D., & Bauermeister, J. (2022). Correlates of engagement within an online HIV prevention intervention for single young men who have sex with men: randomized controlled trial. *JMIR Public Health and Surveillance*, 8(6), e33867.
5. Parker, J. N., **Choi, S. K.**, Bauermeister, J. A., Bonar, E. E., Carrico, A. W., & Stephenson, R. (2022). HIV and Sexually Transmitted Infection Testing Among Substance-Using Sexual and Gender Minority Adolescents and Young Adults: Baseline Survey of a Randomized Controlled Trial. *JMIR Public Health and Surveillance*, 8(7), e30944.
6. Meanley, S., **Choi, S. K.**, Thompson, A., Meyers, J., D'Souza, G., Adimora, A., Mimiaga, M., Kempf MC.,... Friedman, M., Plankey, M., & Wilson, T. (2022). Short-term binge drinking, marijuana, and recreational drug use trajectories in a prospective cohort of people living with HIV at the start of COVID-19 mitigation efforts in the United States. *Drug and Alcohol Dependence*, 231, 109233.
7. **Choi, S. K.**, & Bauermeister, J. (2022). A latent profile analysis of online dating patterns among single young men who have sex with men. *AIDS and Behavior*, 1-10.
8. Hightow-Weidman, L., Carcano, J., **Choi, S. K.**, Sampson, L., & Barrington, C. (2021). Enlaces Por La Salud: A Personal Health Navigator Intervention Grounded in the Transnational Framework. *Journal of immigrant and minority health*, 1–9.
9. **Choi, S. K.**, Boynton, M. H., Ennett, S. T., Muessig, K. E., Bauermeister, J., LeGrand, S., & Hightow-Weidman, L. (2021). Sexual empowerment among young Black men who have sex with men. *The Journal of Sex Research*, 58(5), 560-572.
10. Meanley, S., Connochie, D., **Choi, S. K.**, Bonett, S., Flores, D. D., & Bauermeister, J. A. (2021). Assessing the Role of Gay Community Attachment, Stigma, and PrEP Stereotypes on Young Men Who Have Sex with Men's PrEP Uptake. *AIDS and Behavior*, 25(6), 1761-1776.
11. **Choi, S. K.**, Bauermeister, J., Muessig, K., Ennett, S., Boynton, M. H., & Hightow-Weidman, L. (2021). A Multidimensional Model of Sexual Empowerment Among Young Black Men Who have Sex with Men: A Latent Profile Analysis. *AIDS and behavior*, 25(3), 679–688.
12. Nyrop, K. A., Deal, A. M., Shachar, S. S., Park, J., **Choi, S. K.**, Lee, J. T., ... & Muss, H. B. (2020). Weight trajectories in women receiving systemic adjuvant therapy for breast cancer. *Breast cancer research and treatment*, 179, 709–720.
13. Aleixo, G. F., **Choi, S. K.**, Tan, A. J., Nyrop, K. A., Deal, A. M., Wood, W. A., ... & Muss, H. B. (2020). Is “geriatric” assessment just for older patients?. *The oncologist*, 25(4), 355.
14. Hightow-Weidman, L. B., LeGrand, S., Muessig, K. E., Simmons, R. A., Soni, K., **Choi, S. K.**, ... & Egger, J. R. (2019). A Randomized Trial of an Online Risk Reduction Intervention for Young Black MSM. *AIDS and behavior*, 23(5), 1166-1177.
15. **Choi, S. K.**, LeGrand, S., Dong, W., Muessig, K. E., & Hightow-Weidman, L. (2019). Condom use intentions mediate the relationships between psychosocial constructs and HIV sexual risk behavior in young Black men who have sex with men. *AIDS care*, 31(1), 53-60.



16. Nyrop, K. A., Lee, J. T., Deal, A. M., **Choi, S. K.**, & Muss, H. B. (2019). Weight-Related Communications Between Oncology Clinicians and Women With Obesity at Early Breast Cancer Diagnosis: Findings From a Review of Electronic Health Records. *Nutrition and cancer*, 72(4), 576-583.
17. Nyrop, K. A., Deal, A. M., Reeder-Hayes, K. E., Shachar, S. S., Reeve, B. B., Basch, E., **Choi, S. K.**, ... & Carey, L. A. (2019). Patient-reported and clinician-reported chemotherapy-induced peripheral neuropathy in patients with early breast cancer: Current clinical practice. *Cancer*, 125(17), 2945-2954.
18. Wagoner, C. W., **Choi, S. K.**, Deal, A. M., Lee, J. T., Wood, W. A., Muss, H. B., & Nyrop, K. A. (2019). Establishing physical activity in breast cancer: self-report versus activity tracker. *Breast cancer research and treatment*, 176(2), 395-400.
19. Nyrop, K. A., Deal, A. M., Reeder-Hayes, K. E., Shachar, S. S., Reeve, B. B., Basch, E., **Choi, S. K.**, ... & Carey, L. A. (2019). Patient-reported and clinician-reported chemotherapy-induced peripheral neuropathy in patients with early breast cancer: Current clinical practice. *Cancer*, 125(17), 2945-2954.
20. Nyrop, K. A., Deal, A. M., Shachar, S. S., Basch, E., Reeve, B. B., **Choi, S. K.**, ... & Dees, E. C. (2019). Patient-Reported Toxicities During Chemotherapy Regimens in Current Clinical Practice for Early Breast Cancer. *Oncologist*, 24(6), 762.
21. Nakamura, Z. M., Deal, A. M., Nyrop, K. A., **Choi, S. K.**, Wood, W. A., & Muss, H. B. (2019). Associations of functional, psychosocial, medical, and socio-demographic factors with cognitive screening in chemotherapy naïve patients with breast cancer. *Psycho-oncology*, 28(1), 167-173.
22. Williams, G. R., Deal, A. M., Sanoff, H. K., Nyrop, K. A., Guerard, E. J., Pergolotti, M., Shachar, S. S., Reeve, B. B., Bensen, J. T., **Choi, S. K.**, & Muss, H. B. (2019). Frailty and health-related quality of life in older women with breast cancer. *Supportive Care in Cancer*, 27(7), 2693-2698.
23. Bauermeister, J. A., Muessig, K. E., LeGrand, S., Flores, D. D., **Choi, S. K.**, Dong, W., ... & Hightow-Weidman, L. B. (2018). HIV and Sexuality Stigma Reduction Through Engagement in Online Forums: Results from the HealthMPowerment Intervention. *AIDS and behavior*, 23(3), 742-752.
24. Bauermeister, J. A., Muessig, K. E., Flores, D. D., LeGrand, S., **Choi, S.**, Dong, W., ... & Hightow-Weidman, L. B. (2018). Stigma Diminishes the Protective Effect of Social Support on Psychological Distress Among Young Black Men Who Have Sex With Men. *AIDS Education and Prevention*, 30(5), 406-418.
25. Menza, T. W., **Choi, S. K.**, LeGrand, S., Muessig, K., & Hightow-Weidman, L. (2018). Correlates of Self-Reported Viral Suppression Among HIV-Positive, Young, Black Men Who Have Sex with Men Participating in a Randomized Controlled Trial of an Internet-Based HIV Prevention Intervention. *Sexually transmitted diseases*, 45(2), 118-126.
26. Knight, T. G., Deal, A. M., Dusetzina, S. B., Muss, H. B., **Choi, S. K.**, Bensen, J. T., & Williams, G. R. (2018). Financial Toxicity in Adults With Cancer: Adverse Outcomes and Noncompliance. *Journal of Oncology Practice*, 14(11), e665-e673.

27. Nyrop, K. A., Deal, A. M., Lee, J. T., Muss, H. B., **Choi, S. K.**, Wheless, A., ... & Shachar, S. S. (2018). Weight gain in hormone receptor-positive (HR+) early-stage breast cancer: is it menopausal status or something else?. *Breast cancer research and treatment*, 167(1), 235-248.
28. Williams, G. R., Deal, A. M., Shachar, S. S., Walko, C. M., Patel, J. N., O'Neil, B., McLeod, H. L., Weinberg, M. S., **Choi, S. K.**, Muss, H. B., & Sanoff, H. K. (2018). The impact of skeletal muscle on the pharmacokinetics and toxicity of 5-fluorouracil in colorectal cancer. *Cancer chemotherapy and pharmacology*, 81(2), 413-417.
29. Nyrop, K. A., Deal, A. M., **Choi, S. K.**, Wagoner, C. W., Lee, J. T., Wood, A., ... & Reeder-Hayes, K. E. (2018). Measuring and understanding adherence in a home-based exercise intervention during chemotherapy for early breast cancer. *Breast cancer research and treatment*, 168(1), 43-55.
30. Casilla-Lennon, M. M., **Choi, S. K.**, Deal, A. M., Bensen, J. T., Narang, G., Filippou, P., ... & Woods, M. (2018). Financial toxicity among patients with bladder cancer: reasons for delay in care and effect on quality of life. *The Journal of urology*, 199(5), 1166-1173.
31. Hightow-Weidman, L., LeGrand, S., **Choi, S. K.**, Egger, J., Hurt, C., & Muessig, K. E. (2017). Exploring the HIV Continuum of Care among Young Black Men who have Sex with Men. *Plos One*, 12(6), e0179688.
32. Nyrop, K. A., Deal, A. M., Lee, J. T., Muss, H. B., **Choi, S. K.**, Dixon, S., ... & Shachar, S. S. (2017). Weight changes in postmenopausal breast cancer survivors over 2 years of endocrine therapy: a retrospective chart review. *Breast cancer research and treatment*, 162(2), 375-388.
33. Shachar, S. S., Deal, A. M., Weinberg, M., Williams, G. R., Nyrop, K. A., Popuri, K., **Choi, S. K.** & Muss, H. (2017). Body Composition as a Predictor of Toxicity in Patients Receiving Anthracycline and Taxane Based Chemotherapy for Early Stage Breast Cancer. *Clinical Cancer Research*, clincanres-2266.
34. Ennett, S. T., Jackson, C., **Choi, S.**, Hayes, K. A., Dickinson, D. M., & Bowling, J. M. (2016). A Parenting Program to Promote an Alcohol-Free Childhood: Influence on Parents' Readiness to Prevent Child Sipping. *Journal of Studies on Alcohol and Drugs*, 77(2), 327-336.
35. Jackson, C., Ennett, S. T., Hayes, K. A., Dickinson, D. M., **Choi, S.**, & Bowling, J. M. (2016). Reducing Children's Susceptibility to Alcohol Use: Effects of a Home-based Parenting Program. *Prevention Science*, 17(5), 615-625.

*Journal Articles: Research, Peer-Reviewed Reviews*

36. Meanley, S., Sexton Topper, P., Listerud, L., Bonett, S., Watson, D., **Choi, S. K.**, Teixeira da Silva, D., Flores, D. D., James, R., & Bauermeister, J. A. (2022) Leveraging resilience-supportive strategies to enhance protective factors in young sexual minority men: A scoping review of HIV behavioral interventions implemented in high-income countries. *The Journal of Sex Research*, Advance online publication. <http://doi.org/10.1080/00224499.2021.2024789>
37. Bauermeister, J. A., Bonnett, S., Rosengren, A. L., **Choi, S. K.**, & Watson, D. (2021). Approaches to promoting linkage to and retention in HIV care in the United States: A scoping review. *Current HIV/AIDS Reports*, 1–12. Advance online publication. <https://doi.org/10.1007/s11904-021-00557-y>

*Journal Articles, Under Review*

1. Carney, T., **Choi, S. K.**, Stephenson, R., Bauermeister, J. A. & Carrico, A. Latent class analysis of substance use typologies associated with mental and sexual health outcomes among gender identity and sexual orientation minority youth. Submitted to *Substance Use and Misuse*.
2. **Choi, S. K.**, Bauermeister, J. A., Tingler, R., Johnson, S., Macagna, N., Ho, K., Hoseley, C., Liu, A., Kayange, N., Palanee-Phillips, T., Chariyalertsak, S., Gonzales, P., & Peper, J. A Latent Trajectory Analysis of Young Sexual and Gender Minorities' Adherence to Three Rectal Microbicide Placebo Formulations (MTN-035; A Randomized Crossover Trial). Submitted to *BMC Public Health*.
3. **Choi, S. K.**, Bruehlman-Senecal, E., Green, A., Lavra, J., Ramazzini, L., Dillon, F., & Bauermeister, J. A.,. Patterns of engagement in digital mental health intervention for LGBTQ+ youth: a latent profile analysis. Submitted to *Frontiers in Digital Health*.
4. Giguere, R., Balan, I., Kutner, B., **Choi, S.K.**, Tingler, R., Johnson, S., Macagna, N., Webster, J., Liu, A., Chariyalertsak, S., Hoesley, C., Gonzales, P., Ho, K., Kayanger, N., Palanee-Phillips, T., Brown, E., Zemanek, J., Jacobson, C., Doncel, G., Peper, J., & Bauermeister, J. History of rectal product use and country of residence influence preference for rectal microbicide dosage forms among young sexual and gender minorities: A multi-country trial comparing placebo douche, suppository, and insert products. Submitted to *AIDS and Behavior*.

#### *Journal Articles, In Preparation*

1. **Choi, S. K.**, Golinkoff, J., Lin, W., & Bauermeister, J. A. Key correlates of lifetime HIV testing and PrEP awareness among young men who have sex with men in Seoul, South Korea.
2. **Choi, S. K.**, Lin, W., Golinkoff, J., & Bauermeister, J. A. Stigma, psychological facilitators, behavior motivations, and HIV prevention behaviors among Korean men who have sex with men: Serial mediation model.
3. **Choi, S. K.**, Golinkoff, J., Rochelle, A., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. A. Usability of a digital health intervention for young Black and Latino men and transgender women who have sex with men.

#### **SELECTED PRESENTATIONS**

1. **Choi, S. K.**, Bruehlman-Senecal, E., Green, A., Lavra, J., & Bauermeister, J. Patterns of engagement in digital mental health intervention for sexual and gender minority youth: a latent profile analysis. Abstract submitted to Frontiers Research Topics Oral symposium - Digital Mental Health and Wellbeing under Crisis on March 3, 2023.
2. **Choi, S. K.**, Golinkoff, J., Mulawa, M., Hirshfield, S., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. Engagement in a Digital Health Intervention: Lessons Learned from healthMpowerment.org 2.0. Oral symposium presentation at International Society for Research on Internet Interventions 11th Scientific Meeting September 18-21, 2022 Pittsburgh, PA
3. **Choi, S. K.**, Mulawa, M., Rochelle, A., Li, C., Watson, D., Hirshfield, S., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. Stigma reduction through forum engagement in a digital health intervention for young Black and Latinx men and transwomen who have sex with men. Poster presented at 24<sup>th</sup> International AIDS Conference, July 29-August 2, 2022, Montreal, Canada and virtually.

4. **Choi, S. K.**, Golinkoff, J., Mulawa, M., Hirshfield, S., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. Engagement in a digital health intervention for young Black and Latinx men and transwomen who have sex with men. Poster presented at 24<sup>th</sup> International AIDS Conference, July 29-August 2, 2022, Montral, Canada and virtually.
5. **Choi, S. K.**, Golinkoff, J., Rochelle, A., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. A. Usability of a digital health intervention for young Black and Latino men and transgender women who have sex with men. Poster presented at 43<sup>rd</sup> Society of Behavioral Medicine Annual Meeting & Scientific Sessions, April 6-9, Baltimore, Maryland.
6. **Choi, S. K.**, Golinkoff, J., Lin, W., & Bauermeister, J. A. Life changes due to COVID-19 among Men who have Sex with Men in South Korea. Poster presented at 2021 Society for the Scientific Study of Sexuality, Nov 18-21, Virtual.
7. **Choi, S. K.**, Lin, W., Golinkoff, J., & Bauermeister, J. A. Stigma, psychological facilitators, behavior motivations, and HIV prevention behaviors among Korean men who have sex with men: Serial mediation model. Poster presented at American Public Health Associations' 2021 Annual Meeting, Oct 24-27, Virtual.
8. **Choi, S. K.**, Golinkoff, J., Lin, W., & Bauermeister, J. A. Key correlates of lifetime HIV testing among young men who have sex with men in Seoul, South Korea. Poster presented at 11th International AIDS Conference on HIV Science (IAS 2021), July 18-21, 2021, Virtual.
9. **Choi, S. K.**, Golinkoff, J., Lin, W., Hightow-Weidman, L., Muessig, K., & Bauermeister, J. A. Feasibility and acceptability of HIV prevention mHealth intervention among young men who have sex with men in South Korea. Poster presented at 11th International AIDS Conference on HIV Science (IAS 2021), July 18-21, 2021, Virtual.
10. **Choi, S. K.**, Michina, M., Connochie, D., & Bauermeister, J. A. Correlates of Engagement within an Online HIV Prevention Intervention for Single Young Men Who Have Sex with Men: The myDEX Project. Poster presented at 23rd International AIDS Conference (IAS 2020), July 6-10, 2020, Virtual.
11. **Choi, S. K.** & Bauermeister, J. A. Online Dating Patterns, Sexual Behaviors, and Relationship Characteristics among Single Young Men Who Have Sex with Men: Latent Prole Analysis. Poster discussion presented at 23rd International AIDS Conference (IAS 2020), July 6-10, 2020, Virtual.
12. **Choi, S. K.**, LeGrand S., Muessig, K., Ennett, S., Boynton, M., & Hightow-Weidman, L. Developing and validating a Safer Sexual Empowerment Scale (SSES) for Young Black Men who have Sex with Men. Poster presented at 22nd International AIDS Conference (IAS 2018), July 23–27, 2018, Amsterdam, Netherlands.
13. LeGrand, S., Pulley, D., Blackburn, N., Barry, M, Sallabank, G., Dong, W., Harper, G., Hightow-Weidman, L., Bauermeister, J., **Choi, S.K.**, Muessig, K. “I've finally deleted Jack'd (for good)”: In-group HIV, sexuality and racial stigma within geospatial networking apps and sexual networking websites. Poster presented at 9th IAS Conference on HIV Science (IAS 2017), July 23-26, 2017, Paris, France.
14. LeGrand, S., Muessig, K., Simmons, R., Blackburn, N., **Choi, S.K.**, Hightow-Weidman, L. Latent substance use profiles and associations with condomless anal intercourse among sample of young black men who have sex with men and transgender women in the United States. Poster presented at 9th IAS Conference on HIV Science (IAS 2017), July 23-26, 2017, Paris, France

15. Hightow-Weidman, L., LeGrand, S., Simmons, R., Egger, J., **Choi, S.K.**, Muessig, K. healthMpowerment: Effects of a Mobile phone-optimized, Internet-based Intervention on Condomless Anal Intercourse Among Young Black Men who have Sex with Men and Transgender Women. Poster presented at 9th IAS Conference on HIV Science (IAS 2017), July 23-26, 2017, Paris, France
16. Muessig, K., Barry, M., Dong, W., Pulley, D., Blackburn, N., Sallabank, G., Legrand, S., Harper, G., **Choi, S.K.**, Hightow-Weidman, L., Bauermeister, J. “How do we as Young Black Gay Men Stand Strong?” The healthMpowerment Online Intervention as a Space to Engage with Stigma Related to HIV, Sexuality, and Race. Poster presented at 9th IAS Conference on HIV Science (IAS 2017), July 23-26, 2017, Paris, France
17. **Choi, S.K.**, LeGrand, S., Muessig, K., Soni, K., Kirschke-Schwartz, H., & Hightow-Weidman, L. (2016, July). How do safer sex intentions impact HIV sexual risk behavior in young black men who have sex with men? A mediation analysis. Poster presented at 21st International AIDS Conference (IAS 2016), Durban, South Africa.
18. LeGrand, S., Muessig, K., **Choi, S.K.**, Soni, K., Kirschke-Schwartz, H., & Hightow-Weidman, L. (2016, July). Associations between multiple types of stigma and discrimination and sexual risk behavior among young black men who have sex with men and transgender women in the United States. Poster presented at 21st International AIDS Conference (IAS 2016), Durban, South Africa.
19. Hightow-Weidman, L., LeGrand, S., Soni, K., Kirschke-Schwartz, H., **Choi, S.K.**, & Muessig, K. (2016, July). Technology-Related Predictors of Social Isolation among Young Black MSM. Poster at 21st International AIDS Conference (IAS 2016), Durban, South Africa.

### **LECTURES BY INVITATION, SPEECHES & WORKSHOPS**

Summer, 2023	<b>Guest Lecturer</b> , Chung-Ang University School of Public Service Public Finance Management Class: Implementing Precision Health Approaches to Promote Health Equity
Spring, 2023	<b>Guest Lecturer</b> , Children’s Hospital of Philadelphia mHealth Research Affinity Group: Implementing Precision Health Approaches to Promote Engagement in Digital Health Interventions - From Academia to the World
Spring, 2023	<b>Panel</b> , Palliative Care Scholars: Career Paths for PhD-prepared Nurses
Spring, 2023	<b>Panel</b> , Center for Teaching and Learning Workshop: Teaching and the Academic Job Market
Fall, 2022	<b>Panel</b> , University of Pennsylvania Office of Nursing Research Colloquia: Research Spotlight on New Faces at Penn Nursing Office of Nursing Research

### **PROFESSIONAL AFFILIATIONS**

2022 – current	Society of Behavioral Medicine
2018 – current	American Psychology Association
2016 – current	International AIDS Society

2012 – current American Public Health Association

### **PROFESSIONAL SERVICE**

#### *Review Editor Board*

2023 *Frontiers in Reproductive Health – Social Determinants of Sexual and Reproductive Health*

2023 *Frontiers in Public Health – Public Health Education and Promotion*

2023 *Institute of Public Policy And Administration*

#### *Ad Hoc Journal Reviewer*

2023 *Digital Health*

2023 *Frontiers in Digital Health*

2022 *AIDS Patient Care and STDs*

2022 *Infectious Diseases of Poverty*

2022 *Journal of Medical Internet Research*

2021 - *AIDS and Behavior*

2020 *Journal of Sex Research*

2019 - 2020 *PLOS ONE*

2018 - 2020 *AIDS Care*

2018 *Sexually Transmitted Diseases*

### **SERVICE ACTIVITIES**

#### **University of Pennsylvania**

2023 Center for Teaching and Learning Workshop

2023 University of Pennsylvania, School of Nursing, PhD Interview

2022 – Graduate Group in Nursing, University of Pennsylvania, Philadelphia, PA

2020 – 2022 Diversity Committee  
Biomedical Postdoctoral Council, University of Pennsylvania, Philadelphia, PA

#### **University of North Carolina**

2016 – 2017 Board member – Vice president  
Korean Association of Students and Scholars, University of North Carolina at Chapel Hill, Chapel Hill, NC

2014 – 2015 Board member – Planner

Korean Association of Students and Scholars, University of North Carolina at  
Chapel Hill, Chapel Hill, NC

## **MENTORED PROFESSIONALS**

### **Doctoral-Level Students**

2023 David Yu, University of Pennsylvania School of Nursing  
Current PhD student  
Dissertation Title: Unveiling the Path to LGBTQ+ Inclusive and Culturally  
Competent Healthcare: A Multi-Dimensional Examination of Trainings, Policies,  
and Perspectives  
Role: Dissertation Reader

### **Undergraduate-Level Students**

2022 – 2023 Algjerta Profka, University of Pennsylvania School of Nursing  
2022 – 2023 Hannah Hayman, University of Pennsylvania School of Nursing

### **Mentored Undergraduate Research Assistants**

Summer, 2023 Xandro Xu, University of Pennsylvania School of Arts & Sciences  
2022 – 2023 Sebin Lee, University of Pennsylvania School of Arts & Sciences

### **Mentored Graduate Research Assistants**

Summer, 2023 Andrew Pregnall, University of Pennsylvania School of Medicine