Rachel E. Gartner

2217F Cathedral of Learning Pittsburgh, PA 15260

412-624-6223 rachelgart@pitt.edu

ACADEMIC APPOINTMENTS

Assistant Professor

08/2019-Present

School of Social Work, University of Pittsburgh

Affiliated Faculty

01/2020-Present

Gender, Sexuality, and Women's Studies Program, Dietrich School of Arts and Sciences, University of Pittsburgh

EDUCATION

Ph.D. School of Social Welfare

05/2019

University of California, Berkeley

Dissertation: The Spectrum of Campus Sexual Violence Against Women:

Frequency, Locations, and Correlates of Gender

Microaggressions, Sexual Harassment, and Sexual Assault

Committee: Paul Sterzing (Chair), Anu Gómez, Julianna Deardorff

Designated Emphasis: Women, Gender, and Sexuality

M.S.W. Brown School of Social Work

05/2010

Washington University in St. Louis

Concentration: Mental Health

B.A. Washington University in St. Louis

05/2008

Majors: Women and Gender Studies, Psychology

Phi Beta Kappa, Summa Cum Laude

SCHOLARLY INTERESTS

Sexual Violence; Microaggressions; Trauma; Polyvictimization; Intersectionality

Prevention Science; Measure Design and Testing; Qualitative and Quantitative Methodologies

TEACHING INTERESTS

Human behavior and the social environment, research methods, social work theory, intimate partner violence, adolescent development, women and gender studies, LGBTQ studies

GRANTS

Co-Investigator \$3,304,596 2022-2026

National Institute of Alcohol Abuse and Alcoholism (3R01AA023260-07) Reducing Alcohol Involved Sexual Violence in Higher Education (RAISE)

PI: Elizabeth Miller

Co-Investigator and Supplement Lead \$256,507 2022-2023

National Institute of Alcohol Abuse and Alcoholism (3R01AA023260 - 07W1)

Inclusive Practices for Gender Minority College Students to Reduce Sexual

Violence and Heavy Drinking

PI: Elizabeth Miller

Co-Investigator University of Pittsburgh – Pitt Seed 2.0 Sexual Misconduct Prevention and Survivor Support on Campus PI: Carrie Benson	\$75,000	2022-2023
Co-Investigator Health Resources and Services Administration (M01HP31376) Behavioral Health Scholars Program PI: Danny Rosen	\$1,710,298	2022-2023
Co-Investigator Health Resources and Services Administration (T98HP33475) Opioid Workforce Expansion Program (OWEP) PI: Danny Rosen	\$1,253,734	2021-2023
Principal Investigator University of Pittsburgh - Pitt Seed Special Cycle Translating TGQN Campus Climate Findings into Practice	\$49,639	2020-2022
Co-Principal Investigator University of Pittsburgh - Year of Creativity Liberation Poetry Workshop with Moor Mother and Social Welfare Students	\$1,500	2019
Trainee National Institute of Alcohol Abuse and Alcoholism (NIAAA) Alcohol Research Group Pre-doctoral Fellowship (T32) Project Title: From Gender Microaggressions to Sexual Assault: Measure Development and Preliminary Trends Among Undergraduate Women	\$24,324 + tuition \$23,844 + tuition	2018-2019 2017-2018
Principal Investigator Graduate Division, University of California, Berkeley Summer Student Mentoring and Research Training Grant	\$6,000	2017
Principal Investigator Center for Race and Gender, University of California, Berkeley CRG Graduate Student Research Grant Project Title: From Gender Microaggressions to Sexual Assault: Measure Development and Preliminary Trends Among Undergraduate Women	\$500	2017-2018
Principal Investigator Graduate Division, University of California, Berkeley Summer Research Grant Project Title: Mapping the Spectrum of Campus Sexual Violence	\$3,500	2016
Project Title: The Spectrum of Youth Sexual Violence	\$3,500	2014
Principal Investigator Washington University in St. Louis Andrea Biggs Summer Research Award Project Title: Health, Gender, and Leadership Program Development and Analysis in Muhuru Bay, Kenya	\$3,500	2007

AWARDS AND DISTINCTIONS

School of Social Welfare, University of California, Berkeley James and Khadija Midgley Dissertation Award 2019

Founder Region, Soroptimist International of the Americas

Soroptimist Founder Region Fellowship

Graduate Division, University of California, Berkeley

Berkeley Connect Fellowship

University of California, Berkeley, School of Social Welfare

Doctoral Chair Fellowship

Washington University in St. Louis

Helen Power Women and Gender Studies Award for Scholarship and Service

REFEREED PUBLICATIONS

- 18. **Gartner, R. E.**, Whitfield, D. L., & Sterzing, P. R. (In Press). Ethnoracial differences in past year victimization rates for a national sample of gender and sexual minority adolescents. *Violence and Victims*. https://doi.org/10.1891/VV-2021-0125
- 17. Whitfield, D. L., Westgate, L., Gartner, R. E., Jacobs, L. A., & Atteberry-Ash, B. (2023) Anti-transgender policies and practices in social work education, accreditation, and licensing: A call for change. *Journal of Sociology & Social Welfare*, 50(1), 208-238. https://scholarworks.wmich.edu/jssw/vol50/iss1/11
- Coulter, R.W.S., Gartner, R. E. (2023). LGBTQ+ youth-generated intervention concepts for reducing teen dating violence inequities. *Health Promotion Practice*, 24(2), 252-257. https://doi.org/10.1177/15248399221137276
- 15. Goodkind, S., **Gartner, R. E.,** Jacobs, L. A., Branson, D., Meaux, S., & King, J., Miller, E. (2021). Making AIMS explicit: Establishing intersectionality criteria for gender equity analyses. *Social Work Research*. 45(3), 169-186. https://doi.org/10.1093/swr/svab013
- 14. **Gartner, R. E.** (2021). A new gender microaggressions taxonomy for undergraduate women on college campuses: A qualitative examination. *Violence Against Women*, *27*(14), 2768-2790. https://doi.org/10.1177/1077801220978804
- 13. Jacobs, L. A., Kim, M. E., Whitfield, D. L., **Gartner, R. E.**, Panichelli, M., Kattari, S. K., Downey, M. M., McQueen, S. S., Mountz, S. E. (2021). Defund the police: Moving Towards an anti-carceral social work. *Journal of Progressive Human Services* 32(1), 37-62. https://doi.org/10.1080/10428232.2020.1852865
- 12. **Gartner, R. E.**, Sterzing, P. R., Fisher, C. M., Woodford, M. R., Kinney, M. K. & Victor B. G. (2020). A scoping review of measures assessing gender microaggressions against women. *Psychology of Women Quarterly*, 44(3), 283-306. https://doi.org/10.1177/0361684320920834
- 11. Sterzing, P. R., & **Gartner**, **R. E.** (2020). LGBTQ microaggressions and microaffirmations in families: Scale development and validation study. *Journal of Homosexuality*, 67(5), 600-619. https://doi.org/10.1080/00918369.2018.1553350
- 10. Fisher, C. M., Woodford, M. R., **Gartner, R. E.**, Sterzing, P. R., & Victor B. G. (2019). Advancing research on LGBTQ microaggressions: A psychometric scoping review of measures. *Journal of Homosexuality*, 66(10), 1345-1379. https://doi.org/10.1080/00918369.2018.1539581 (special issue)
- 9. Sterzing, P. R., Fisher, A. J., & **Gartner, R. E.** (2019). Familial pathways to polyvictimization for sexual and gender minority youth: Microaffirming, microaggressing, violent, and adverse families. *Psychology of Violence*. http://dx.doi.org/10.1037/vio0000224
- 8. Sterzing, P. R., Gibbs, J. J., **Gartner, R. E.**, & Goldbach, J. T. (2018). Bullying victimization trajectories for sexual minority adolescents: Stable victims, desisters, and late-onset victims. *Journal of Research on Adolescence*, 28(2), 368–378. https://doi.org/10.1111/jora.12336

- 7. **Gartner, R. E.**, & Sterzing, P. R. (2018). Social ecological correlates of family-level interpersonal and environmental microaggressions toward sexual and gender minority adolescents. *Journal of Family Violence*, 33(1), 1–16. https://doi.org/10.1007/s10896-017-9937-0
- 6. Sterzing, P. R., **Gartner, R. E.**, & McGeough, B. L. (2018). Conducting anonymous, incentivized, online surveys with sexual and gender minority adolescents: Lessons learned from a national polyvictimization study. *Journal of Interpersonal Violence*, *33*(5), 740–761. https://doi.org/10.1177/0886260517744845 (invited special issue)
- 5. Sterzing, P. R., **Gartner, R. E.**, Goldbach, J. T., McGeough, B. L, Ratliff, G. A., & Johnson, K. C. (2017). Polyvictimization prevalence rates for sexual and gender minority youth: Breaking down the silos of victimization research. *Psychology of Violence*, 1–12. http://dx.doi.org/10.1037/vio0000123
- 4. Sterzing, P. R., Ratliff, G. A., **Gartner, R. E.**, McGeough, B. L., & Johnson, K. C. (2017). Social ecological correlates of polyvictimization among a national sample of transgender, genderqueer, and cisgender sexual minority adolescents. *Child Abuse & Neglect*, 67, 1–12. https://doi.org/10.1016/j.chiabu.2017.02.017
- 3. Sterzing, P. R., **Gartner, R. E.**, Woodford, M. R., & Fisher, C. M. (2017). Sexual orientation, gender, and gender identity microaggressions: Toward an intersectional framework for social work research. *Journal of Ethnic & Cultural Diversity in Social Work*, 26(1–2), 81–94. https://doi.org/10.1080/15313204.2016.1263819
- 2. **Gartner, R. E.,** & Sterzing, P. R. (2016). Gender microaggressions as a gateway to sexual harassment and sexual assault: Expanding the conceptualization of youth sexual violence. *Affilia*, 31(4), 491–503. https://doi.org/10.1177/0886109916654732
- 1. Sterzing, P. R., Hong, J. S., **Gartner, R. E.**, & Auslander, W. F. (2016). Child maltreatment and bullying victimization among a community-based sample of sexual minority youth: The meditating role of psychological distress. *Journal of Child & Adolescent Trauma*, 9(4), 283–293. https://doi.org/10.1007/s40653-016-0101-4

MANUSCRIPTS UNDER REVIEW AND NEAR SUBMISSION

- 1. **Gartner, R. E.,** Ballard, A. J.*, Smith, E. K.*, Risser, L. R., Chugani, C. D., Miller, E. (Revise and Resubmit). "There's no safety in these systems": Centering trans and gender diverse students' campus climate experiences to prevent sexual violence.
- 2. Ratliff, G. A., Sterzing, P. R., **Gartner, R. E.,** Smith, E. K.*, Chung, E. (Under Review). Multi-level correlates of depression, posttraumatic stress, and suicidality in binary and nonbinary transgender adolescents and cisgender sexual minority adolescents.
- 3. **Gartner**, **R. E.**, Smith, E. K.*, Panichelli, M., & Ballard, A. J.* (In Progress). Campus sexual violence and the cost of protecting institutions: Carceral systems and trans student wellbeing
- 4. **Gartner**, **R. E.**, Ballard, A. J.*, Smith, E. K.*, Coulter, R.W.S., Risser, L. R., Chugani, C. D., VonVille, H., Miller, E. (In Progress). Preventing violence against sexual and gender minority students in educational settings: A scoping review of interventions.
- 5. Ballard, A. J.*, **Gartner**, **R. E.**, & Newhill, C. E. (In Progress). Exploring young adults' impressions of twenty-first century sexual socialization: A qualitative focus group study
- 6. **Gartner, R. E.,** Stuart, M., McGeough, B. L., Ballard, A. J.*, & Sterzing, P. R. (In Progress). Adolescent experiences of familial sexual orientation and gender identity microaggressions and microaffirmations and mental health correlates.

7. Coulter, R. W. S., **Gartner, R. E.**, Abebe, K. Z., Cramer, C., Smith, E. K.*, Miller, E. (In Progress). Universal sexual violence interventions and sexual minority students: Cluster-randomized controlled trial results.

PRESENTATIONS

REFEREED ACADEMIC CONFERENCES

- 24. **Gartner, R. E.**, Ballard, A. J.*, Smith, E. K.*, Chugani, C. D., Miller, E. (2023, January). *Centering Trans Students' Climate Experiences to Transform Campus Sexual Violence Prevention and Response*. Virtual poster presentation at the Society for Social Work and Research, 27th Annual Conference (Phoenix, AZ).
- 23. **Gartner, R. E.**, Ballard, A. J.*, Risser, L. R., Chugani, C. D., Miller, E. (2022, January). *Practices and policies to address violence against sexual and gender minority students in schools: A scoping review*. Oral presentation at the Society for Social Work and Research, 26th Annual Conference (Washington, DC Delivered by Ballard, A. J.).
- 22. Ballard, A. J.*, **Gartner, R. E.**, Newhill, C. E. (2022, January). *Exploring young adults' impressions of sexual socialization to foster innovation in sexual violence primary prevention*. Oral presentation at the Society for Social Work and Research, 26th Annual Conference (Washington, DC).
- 21. Ballard, A. J.*, **Gartner, R. E.**, Newhill, C. E. (November, 2021). *Exploring young adults' impressions of sexual socialization to contemporize the construct and enhance sexual violence solutions*. Poster presentation at the Society for the Scientific Study of Sexuality Annual Conference (San Juan, PR).
- 20. **Gartner, R. E.**, Sterzing, P. S., Fisher, C. M., Kinney, M. K., Victor, B. G. (2021, January). *A scoping review of measures assessing gender microaggressions against women*. Oral presentation at the Society for Social Work and Research, 25th Annual Conference (Virtual).
- 19. Ballard, A. J.*, **Gartner, R. E.**, Sterzing, P. S. (2021, January). *Family-level factors associated with sexual victimization among sexual and gender minority adolescents*. Oral presentation at the Society for Social Work and Research, 25th Annual Conference (Virtual).
- 18. **Gartner, R. E.** (2020, January). From microaggressions to sexual assault: Understanding frequency and relationship to mental and behavioral health among undergraduate women. Oral presentation at the Society for Social Work and Research, 24rd Annual Conference (Washington, DC).
- 17. **Gartner, R. E.** (2019, January) *A new taxonomy for gender microaggressions on college campuses*. Oral presentation at the Society for Social Work and Research, 23rd Annual Conference (San Francisco, CA).
- 16. **Gartner, R. E.** (2019, January) *Undergraduate gender microaggressions measure: Factor structure and reliability.* Poster presentation at the Society for Social Work and Research, 23rd Annual Conference (San Francisco, CA).
- 15. Sterzing, P. R., **Gartner**, **R. E.**, Woodford, M. R., Fisher, C. M., & Victor, B. G. (2018, August). *Microaggressions and everyday LGBTQ discrimination: A scoping review of quantitative measures*. Oral presentation at the Social Work and Sexualities Conference (Montreal, Canada).
- 14. Fisher, C. M., **Gartner**, **R. E.**, Woodford, M. R., Sterzing, P. R., & Victor, B. G. (2018, August). *Conducting scoping reviews to advance knowledge in understudied and emerging research areas*. Workshop at the Social Work and Sexualities Conference (Montreal, Canada).
- 13. **Gartner, R. E.**, & Sterzing, P. R. (2018, January). *Sexual and gender minority family climate measure: Measure design and validation*. Oral presentation at the Society for Social Work and Research, 22nd Annual Conference (Washington D.C.).

- 12. Fisher, C. M., **Gartner, R. E.**, Sterzing, P. R., Woodford, M. R., & Victor, B. G. (2018, January). *Conducting scoping reviews to advance knowledge in understudied and emerging research areas*. Workshop at the Society for Social Work and Research, 22nd Annual Conference (Washington D.C.).
- 11. Sterzing, P. R., Fisher, A. J., & Gartner, R. E. (2018, January). Familial pathways to polyvictimization for sexual and gender minority adolescents. Oral presentation at the Society for Social Work and Research, 22nd Annual Conference (Washington D.C.).
- 10. Sterzing, P. R., Mohr, J., **Gartner, R. E.**, & Kase, C. (2018, January). *Conducting online surveys with sexual and gender minority adolescents: Best practices for recruitment, human subjects protections, data integrity, and measurement*. Roundtable presentation at the Society for Social Work and Research, 22nd Annual Conference (Washington D.C.).
- 9. Woodford, M. R., Fisher, C. M., Sterzing, P. R., **Gartner, R. E.**, & Victor B. G. (2018, January). *A scoping review of scales to measure LGBTQ microaggressions*. Oral presentation at the Society for Social Work and Research, 22nd Annual Conference (Washington D.C.).
- 8. **Gartner, R. E.,** & Sterzing, P. R. (2017, January) *The influence of individual- and family-level factors on family homo/transnegative microaggressions*. In M. R. Woodford (Chair), Contemporary heterosexism and cisgenderism among LGBTQ adolescents and youth: Nature, consequences, and protective factors. Presentation for the Society for Social Work and Research, Annual Conference (New Orleans, LA).
- 7. **Gartner, R. E.**, Deardorff, J., & Tschaan, J. M. (2017, January) *From words to actions: Latino youth and emerging adult's comfort with sexual communication and reported condom use*. In A. M. Gomez (Chair), Beyond birth control and abortion: Reproductive justice, emerging adulthood, and social work research. Oral presentation for the Society for Social Work and Research, Annual Conference (New Orleans, LA).
- 6. Sterzing, P. R., & Gartner, R. E. (2017, January) *Polyvictimization rates in a national sample of sexual and gender minority youth: An examination of forty-two forms of victimization.* Presentation for the Society for Social Work and Research, 21st Annual Conference (New Orleans, LA).
- 5. Sterzing, P. R., & Gartner, R. E. (2017, January). The influence of sexual and gender minority microaggressive and microaffirming families on polyvictimization rates for LGBTQ adolescents. In M. R. Woodford (Chair), Contemporary heterosexism and cisgenderism among LGBTQ adolescents and youth: Nature, consequences, and protective factors. Oral presentation at the Society for Social Work and Research, 21st Annual Conference (New Orleans, LA).
- 4. Sterzing, P. R., Gartner, R. E., & Fisher, A. J. (2016, April). *Polyvictimization rates among a national sample of sexual minority youth*. Poster presentation at the 2016 Biennial Meeting of the Society for Research on Adolescence (Baltimore, MD).
- 3. Whitaker, K., Shapiro, V. B., Rodecker, C., Hernandez, J., & Gartner, R. E. (2016, May). How do teachers' reports of adherence, quality and engagement relate to implementation strength? In V. B. Shapiro (Chair) & C. Domitrovich (Discussant), Scaling up social emotional learning programs: Exploring strategies for implementation quality monitoring. Presentation for the Society for Prevention Research, 24th Annual Meeting (San Francisco, CA).
- Whitaker, K., Shapiro, V. B., Rodecker, C., Hernandez, J., & Gartner, R. E. (2016, January). The role of adherence, dosage, and participant responsiveness in classroom teacher's assessment of overall implementation strength. In V. B. Shapiro (Chair) and E. Proctor (Discussant), It's a grand challenge: Achieving high quality implementation in routine school-based prevention services. Presentation at the Society for Social Work and Research, 20th Annual Conference (Washington, D.C.).
- 1. Woodford, M. R., Sterzing, P. R., **Gartner, R. E.**, & Fisher, C. M. (2015, January). *Advancing research on discrimination: Gender-based, homonegative, and transnegative microaggressions.* Roundtable session presented at the Society for Social Work and Research, 19th Annual Conference (New Orleans, LA).

INVITED AND PROFESSIONAL PRESENTATIONS

- 1. **Gartner**, **R. E.** (2023). *Moving Research into Practice: A Spotlight on Circle Up!* Invited Panelist at the University of Pittsburgh Sexual Assault Awareness Month Forum (Virtual).
- 2. **Gartner, R. E.** (2022). *Moving Research into Practice: Inclusive Prevention Strategies*. Invited Panelist at the University of Pittsburgh Sexual Assault Awareness Month Forum (Virtual).
- 3. **Gartner, R. E.,** Ballard, A. J.*, Risser, L. R. (2021). *Centering trans students' experiences to transform campus sexual violence prevention*. Oral presentation at the 2020 TransPride Pittsburgh Health and Wellness Conference (Virtual).
- 4. **Gartner, R. E.** (2020). Shattering Statistics: A Collective Effort Towards Ending Sexual Violence Defining the Problem. Invited Panelist at the University of Pittsburgh Office of Equity, Diversity, and Inclusion (Virtual).
- 5. **Gartner, R. E.** (2020). Shattering Statistics: A Collective Effort Towards Ending Sexual Violence Sexual Violence Against Trans and Nonbinary Community Members. Invited Panelist at the University of Pittsburgh Office of Equity, Diversity, and Inclusion (Virtual).
- 6. **Gartner, R. E.,** Ballard, A. J.* (2020). *Translating TGQN campus climate findings into practice*. Oral presentation at the 2020 TransPride Pittsburgh Health and Wellness Conference (Virtual).
- 7. Sterzing, P. R., Fisher, A. J., & Gartner, R. E. (2017). Familial pathways to polyvictimization for sexual and gender minority adolescents. Oral presentation at the Center for Child and Youth Policy Spring Symposium: Violence, Stigma, and Health Disparities of Sexual and Gender Minority Youth. (Berkeley, CA).

TEACHING AND STUDENT ADVISEMENT

TEACHING University of Pittsburgh, School of Social Work	
Human Behavior in the Social Environment	2019; 2020; 2022
Generalist Social Work Research	2019, 2020, 2022
Generalist Social Work Research	2022
University of California, Berkeley, School of Social Work	
Theories for Multilevel Practice (Reader)	2017
Berkeley Connect in Social Welfare	2016-2017
Adolescent Development in Social Welfare (Co-Developer/Co-Instructor)	2015
Social Work as a Profession (Teaching Assistant)	2015
ADVISING AND MENTORSHIP	
Dissertation Committee	
Co-Chair, Adrian Ballard, University of Pittsburgh	
Committee Member, Jacob Gordon, University of Pittsburgh	2022
Comprehensive Examination	
Chair, Emil Smith, University of Pittsburgh	2023
Committee Member, Paige Sable, University of Pittsburgh	2023
Co-Chair, Adrian Ballard, University of Pittsburgh	2021
Committee Member, Jacob Gordon, University of Pittsburgh	2020
Thesis Committee	
Committee Member, Kayla Ortiz, School of Public Health, University of Pittsburgh	2023

Doctoral Student Mentoring

Emil Smith, University of Pittsburgh Adrian Ballard, University of Pittsburgh 2021-Present 2020-Present

SOCIAL WORK PRACTICE EXPERIENCE

Youth Sexual Violence Prevention Manager

2010-2013

Prevent Child Abuse Vermont, Montpelier, VT

Managed statewide, school-based sexual violence prevention and technology safety programs by training and supervising staff and volunteer trainers. Facilitated national trainings in sexual violence prevention. Developed funding proposals enabling significant program expansion. Oversaw and engaged in curriculum development.

Practicum Counselor, Mental Health Services

2009-2010

Washington University Student Health Services

Provided individual counseling to university students by developing client conceptualization and treatment plans to address such concerns as: depression, anxiety, trauma, grief, adjustment issues, and substance abuse.

Social Work Intern 2009

YWCA St. Louis Regional Sexual Assault Center

Presented outreach programming on sexual assault, child sexual abuse, healthy relationships, and dating violence for children, young adults, and adults. Conducted phone follow-up interviews with sexual assault survivors seen in the emergency room.

Advocate, Sexual Assault Response Team

2009

YWCA St. Louis Regional Sexual Assault Center

Provided crisis management and emotional support in St. Louis hospital emergency rooms to survivors in the immediate aftermath of a sexual assault.

ACADEMIC AND COMMUNITY SERVICE

NATIONAL SERVICE

Reviewer, SSWR Doctoral Fellows Award

2022

2019

UNIVERSITY SERVICE

Member/Reviewer, *LGBTQIA*+ *Research and Outreach Endowed Fund Award Committee*, University of Pittsburgh

2022-present

Member, *Planning Committee for the 10th Annual Adolescent and Youth Adult Health Virtual Research Symposium – Racism, Discrimination, and Impact on Adolescent Health*

2022-present

Member, *The Chancellor's Advisory Council on the Prevention of Sexual Misconduct*, University of Pittsburgh

2020-present

SCHOOL SERVICE

Member, Faculty Executive Committee, University of Pittsburgh	2021-present
Member, BASW Program Committee, University of Pittsburgh	2020-present
Member, <i>Inclusion and Diversity Committee</i> , University of Pittsburgh	2019-2020;
	2022-Present
Member, MSW Generalist Committee, University of Pittsburgh	2020

INVITED REVIEWER

Journal of Family Violence	2020-present
Culture, Health and Sexuality	2020-present
Affilia	2019-present
Journal of Ethnic and Cultural Diversity in Social Work	2019-present
Journal of Interpersonal Violence	2018-present
Field Methods	2018-present