

Kimberly A. Hochstedler Webb

Curriculum Vitae



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Cornell University, Department of Statistics and Data Science
Ithaca, NY, 14853

CV Updated: 05/01/2024

PROFESSIONAL EXPERIENCE

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| Beginning Sept. 2024 | Assistant Professor <i>University of Pittsburgh, Department of Medicine, Division of General Internal Medicine</i> |
| 2023 - 2024 | Graduate Research Assistant <i>Cornell University, Department of Statistics and Data Science</i> |
| 2021 - 2022 | Graduate Research Assistant <i>Cornell University, Department of Psychology</i> |
| 2018 - 2020 | Graduate Student Research Assistant <i>University of Michigan, Department of Radiation Oncology, Michigan Radiation Oncology Quality Consortium</i> |
| 2017 | Summer Intern <i>National Institute of Child Health and Human Development, Epidemiology Branch</i> |
| 2015 - 2018 | Undergraduate Research Assistant <i>Carnegie Mellon University, Department of Psychology, Gender, Relationships, and Health Lab</i> |

EDUCATION

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| 2020 - 2024 (completed) | Ph.D. in Statistics <i>Cornell University, Ithaca, NY</i> Dissertation: "Estimation methods in the presence of outcome and mediator misclassification" Advisor: Martin Wells, Ph.D. Committee: James Booth, Ph.D. and Felix Thoemmes, Ph.D. |
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| 2020 - 2022 | M.S. in Statistics <i>Cornell University, Ithaca, NY</i> GPA: 4.10 |
| 2018 - 2020 | M.S. in Biostatistics <i>University of Michigan, Ann Arbor, MI</i> GPA: 4.00 |
| 2014 - 2018 | B.S. in Statistics and Psychology <i>Carnegie Mellon University, Pittsburgh, PA</i> GPA: 4.00 Awarded with University and College Honors, <i>Phi Beta Kappa</i> Thesis: "Self-Disclosure among Emerging Adults with Depression and/or Anxiety" Advisor: Vicki Helgeson, Ph.D. |

RESEARCH AND TRAVEL GRANTS

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| 2024 | Conference Travel Grant (Cornell University; \$300) |
| 2023 | Belonging at Cornell Mini-Grant (Presidential Advisors on Diversity and Equity, Cornell University; \$1,000) |
| 2023 | Conference Travel Grant (Cornell University; \$400) |
| 2022 - 2023 | LinkedIn PhD Award (Cornell University Bowers CIS Strategic Partnership Program with LinkedIn; funding for tuition, \$35,000 stipend, and \$5,000 discretionary funds) |
| 2020 | Conference Travel Award (University of Michigan; \$800) |
| 2018 | Conference Travel Award (Carnegie Mellon University; \$250) |
| 2017 | Small Undergraduate Research Grant, awarded twice (Carnegie Mellon University; \$500 each) |
| 2016 | Summer Undergraduate Research Fellowship (Carnegie Mellon University; \$3,500) |
| 2016 | Conference Travel Award (Carnegie Mellon University; \$250) |

HONORS AND AWARDS

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| 2023 - 2024 | Center for Teaching Innovation Senior Lead Graduate Teaching Fellowship (Cornell University; \$2,000) |
| 2023 | Graduate Diversity & Inclusion Distinguished Award for Exemplary Service - Advanced Career Student (Cornell University) |
| 2023 | Three Minute Thesis Competition Co-First Place Winner (Cornell University; \$1,500) |
| 2023 | Distinguished Student Paper Award (Eastern North America Region, International Biometric Society; \$650) |
| 2022 - 2023 | Center for Teaching Innovation Lead Graduate Teaching Fellowship (Cornell University; \$2,000) |

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| 2021 - 2022 | Center for Teaching Innovation Graduate Teaching Fellowship (Cornell University; \$2,000) |
| 2020 - 2021 | Outstanding Graduate Teaching Assistant (Cornell University Department of Statistics and Data Science; \$100) |
| 2019 | Richard G. Cornell Fellowship for Outstanding Academic Performance in the Department of Biostatistics (University of Michigan; \$500) |
| 2014 - 2018 | Dean's List (Carnegie Mellon University) |
| 2018 | NCAA Woman of the Year Nominee |
| 2018 | NCAA Post-Graduate Scholarship (\$7,500) |
| 2018 | First Prize in the Department of Psychology Oral Presentation Competition at Meeting of the Minds (Carnegie Mellon University; \$250) |
| 2018 | Judith A. Resnik Award (Carnegie Mellon University; \$1,000) |
| 2018 | Dr. William Brown Academic Athletic Achievement Award (Carnegie Mellon University) |
| 2018 | Gretchen Goldsmith Lankford Award (Carnegie Mellon University; \$2,500) |
| 2018 | Carnegie Mellon Women's Association Scholarship Winner (\$1,000) |
| 2017 | Andrew Carnegie Society Scholar (Carnegie Mellon University; \$1,500) |
| 2017 | Dietrich College Senior Honors Program (Carnegie Mellon University) |
| 2017 | Top Presenter Award in the Statistical Graphics and Visualization Poster Session (Carnegie Mellon University) |
| 2017 | First Prize in the Department of Psychology Poster Presentation Competition at Meeting of the Minds (Carnegie Mellon University; \$200) |
| 2017 | First Prize in the Department of Statistics Poster Presentation Competition at Meeting of the Minds (Carnegie Mellon University; \$500) |
| 2014 | National Merit Scholarship Finalist |
| 2014 | Science and Humanities Scholars Program (Carnegie Mellon University) |

PUBLICATIONS

* First authors contributed equally, # Primary investigators contributed equally

Peer Reviewed Manuscripts

- [1] Ramanathan, S., **Hochstedler, K. A.**, Laucis, A. M., Movsas, B., Stevens, C. W., Kestin, L. L., Dominello, M. M., Grills, I. S., Matuszak, M., Hayman, J., *et al.*, "Predictors of early hospice or death in patients with inoperable lung cancer treated with curative intent," *Clinical Lung Cancer*, 2023.
- [2] Herr, D. J., **Hochstedler, K. A.**, Yin, H., Dess, R. T., Matuszak, M., Grubb, M., Dominello, M., Movsas, B., Kestin, L. L., Bergsma, D., Dragovic, A. F., Grills, I. S., Hayman, J. A., Paximadis, P., Schipper, M., and Jolly, S., "Effect of education and standardization of cardiac dose constraints on heart dose in patients with lung cancer receiving definitive radiation therapy across a statewide consortium," *Practical Radiation Oncology*, vol. 12, e376–e381, 5 2022, ISSN: 1879-8500. DOI: <https://doi.org/10.1016/j.prro.2022.01.002>.

- [3] Laucis, A. M. B., **Hochstedler, K. A.**, Schipper, M. J., Paximadis, P. A., Boike, T. P., Bergsma, D. P., Movsas, B., Kretzler, A., Spratt, D. E., Dess, R. T., Mietzel, M. A., Dominello, M. M., Matuszak, M. M., Jagsi, R., Hayman, J. A., Pierce, L. J., and Jolly, S., "Racial differences in treatments and toxicity in patients with non-small-cell lung cancer treated with thoracic radiation therapy," *JCO Oncology Practice*, vol. 18, no. 6, e1034–e1044, 2022. DOI: [10.1200/OP.21.00224](https://doi.org/10.1200/OP.21.00224).
- [4] Wilkie, J. R., **Hochstedler, K. A.**, Schipper, M. J., Matuszak, M. M., Paximadis, P. A., Dominello, M. M., Grills, I. S., Hayman, J. A., Dess, R. T., Pierce, L. J., Spratt, D. E., Bergsma, D. P., Boike, T. P., Movsas, B., and Jolly, S., "Association between Adverse Events and Quality of Life in Patients Treated with Definitive Radiotherapy for Locally Advanced Lung Cancer in a Statewide Consortium," *International Journal of Radiation Oncology, Biology, Physics*, vol. 112, pp. 942–950, 4 2021. DOI: [10.1016/j.ijrobp.2021.11.024](https://doi.org/10.1016/j.ijrobp.2021.11.024).
- [5] Hartman, H. E., Yilun, S., Devasia, T., Chase, E., Jairath, N., Dess, R. T., Jackson, W. C., Morris, E., Li, P., **Hochstedler, K. A.**, Abbott, M., Kidwell, K. M., Walter, V., Wang, M., Wang, X., Zaorsky, N., #Schipper, M. J., and #Spratt, D. E., "Integrated Survival Estimates from Cancer Treatment Delay during the COVID-19 Pandemic," *JAMA Oncology*, vol. 6, pp. 1881–1889, Dec. 2020. DOI: [10.1001/jamaoncol.2020.5403](https://doi.org/10.1001/jamaoncol.2020.5403).
- [6] *Fang, F., ***Hochstedler, K. A.**, Tamura, R., Braun, T. M., and Kidwell, K. M., "Bayesian Methods to Compare Dose Levels to Placebo in a Small n Sequential Multiple Assignment Randomized Trial (snSMART)," *Statistics in Medicine*, vol. 40, no. 4, pp. 963–977, Nov. 2020. DOI: [10.1002/sim.8813](https://doi.org/10.1002/sim.8813).
- [7] **Hochstedler, K. A.**, Bell, G., Park, H., Ghassabian, A., Bell, E. M., Sundaram, R., Grantz, K. L., and Yeung, E. H., "Gestational Age at Birth and Risk of Developmental Delay: The Upstate KIDS Study," *American Journal of Perinatology*, pp. 1–8, Mar. 2020. DOI: [10.1055/s-0040-1702937](https://doi.org/10.1055/s-0040-1702937).

Preprints

- [1] **Webb, K. A. H.**, Riley, S. A., and Wells, M. T., "An assessment of racial disparities in pretrial decision-making using misclassification models," *arXiv preprint arXiv:2309.08599*, 2023.
- [2] **Webb, K. A. H.** and Wells, M. T., "Statistical inference for association studies in the presence of binary outcome misclassification," *arXiv preprint arXiv:2303.10215*, 2023.

In Preparation

- [1] Thommes, F., Liao, W., Papst, I., Jin, Z., Zhang, W., and **Hochstedler, K. A.**, "rddapp: An R package for multi-assignment regression-discontinuity designs," 2022+.
- [2] **Webb, K. A. H.** and Wells, M. T., "Regression methods for misclassified binary mediator and outcome variables," 2023+.
- [3] **Webb, K. A. H.** and Wells, M. T., "Effect estimation in the presence of a misclassified binary mediator," 2023+.
- [4] **Webb, K. A. H.**, "Improving precision and bias in estimating treatment effects in randomized trials with outcome misclassification," 2024+.

Abstracts

Presenter listed as first author

- [1] Laucis, A. M., **Hochstedler, K. A.**, Boike, T. P., Movsas, B., Stevens, C. W., Kestin, L. L., Devisetty, K., Dominello, M. M., Wilkie, J. R., Grills, I. S., Matuszak, M. M., Hayman, J. A., Paximadis, P. A., Pierce, L. J., and Jolly, S., *Predictors of Early Hospice or Death in Patients with Inoperable Lung Cancer Treated with Curative Intent*, Multidisciplinary Thoracic Cancers Symposium, Scottsdale, AZ, Dec. 2020, Poster.
- [2] Herr, D., **Hochstedler, K. A.**, Dess, R. T., Matuszak, M. M., Grubb, M., Dominello, M. M., Kestin, L. L., Bergsma, D. P., Grills, I. S., Hayman, J. A., Paximadis, P. A., Schipper, M. J., and Jolly, S., *Effect of Education and Standardization of Cardiac Dose Constraints on Heart Dose in Lung Cancer Patients Receiving Definitive Radiation Therapy Across a Statewide Consortium*, Multidisciplinary Thoracic Cancers Symposium, Scottsdale, AZ, Dec. 2020, Quick Pitch.
- [3] McFarlane, M. R., **Hochstedler, K. A.**, Laucis, A. M., Sun, Y., Chowdhury, A., Matuszak, M. M., Hayman, J. A., Bergsma, D. P., Boike, T. P., Kestin, L. L., Movsas, B., Grills, I. S., Dominello, M. M., Dess, R. T., Schonewolf, C., Spratt, D. E., Pierce, L. J., Paximadis, P. A., #Schipper, M. J., and #Jolly, S., *Predictors of Pneumonitis after Lung Cancer Radiotherapy*, American Society for Radiation Oncology (ASTRO), Virtual, Oct. 2020, Quick Pitch.
- [4] Laucis, A. M., **Hochstedler, K. A.**, Schipper, M. J., Paximadis, P. A., Boike, T. P., Bergsma, D. P., Spratt, D. E., Dess, R. T., Mietzel, M. A., Dominello, M. M., Matuszak, M. M., Jaggi, R., Hayman, J. A., Pierce, L. J., and Jolly, S., *Racial Differences in Toxicity in Non-Small Cell Lung Cancer Patients Treated with Thoracic Radiation Therapy*, American Society for Radiation Oncology (ASTRO), Virtual, Oct. 2020, Poster.
- [5] Boike, T. P., **Hochstedler, K. A.**, Laucis, A. M., Movsas, B., Stevens, C. W., Kestin, L. L., Devisetty, K., Dominello, M. M., Wilkie, J. R., Grills, I. S., Matuszak, M. M., Hayman, J. A., Paximadis Peter A Pierce, L. J., and Jolly, S., *Predictors of Early Hospice or Death in Patients with Inoperable Lung Cancer Treated with Curative Intent*, American Society for Radiation Oncology (ASTRO), Virtual, Oct. 2020, Poster.
- [6] Wilkie, J., **Hochstedler, K. A.**, Schipper, M., Matuszak, M., Paximadis, P., Dominello, M., Grills, I., Hayman, J., Dess, R., Pierce, L., Spratt, D., Bergsma, D., Movsas, B., and Jolly, S., "Association between Adverse Events and Quality of Life in Patients Treated with Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer," *International Journal of Radiation Oncology*Biophysics*, vol. 105, no. 1, Supplement, S95–S96, Sep. 2019, Proceedings of the American Society for Radiation Oncology 61st Annual Meeting, ISSN: 0360-3016. DOI: <https://doi.org/10.1016/j.ijrobp.2019.06.575>, Oral Presentation.
- [7] Jolly, S., **Hochstedler, K. A.**, Paximadis, P., Hayman, J., Dominello, M., Burmeister, J., Grills, I., Dess, R., Dragovic, A., Movsas, B., Ajlouni, M., Fraser, C., Kestin, L., Wilson, M., Bergsma, D., Spratt, D., Moran, J., Pierce, L., Schipper, M., and Matuszak, M., "Changing practice patterns in the radiation treatment delivery for locally advanced lung cancer: Results from a statewide consortium," *International Journal of Radiation Oncology*Biophysics*, vol. 105, no. 1, Supplement, E488, Sep. 2019, Proceedings of the American Society for Radiation Oncology 61st Annual Meeting, ISSN: 0360-3016. DOI: <https://doi.org/10.1016/j.ijrobp.2019.06.1387>, Poster.

- [8] Jaworski, E., **Hochstedler, K. A.** Dominello, M. M., Heimburger, D., Mancini, T., Boike, T. P., Schipper, M. J., Griffith, K., Moran, J., Pierce, L. J., Hayman, J. A., McLaughlin, P., V. N., Mis-Imani, M., Paximadis, P. A., Jones, N., Jolly, S., P. C., T. D. R., and Spratt, D. E., *Contemporary Practice Patterns for Intact and Post-Operative Prostate Cancer: Results from a Statewide Collaborative*, American Society for Radiation Oncology (ASTRO), Chicago, IL, Sep. 2019, Poster.
- [9] Helgeson, V. S., **Hochstedler, K. A.**, and Essien, I., *Effects of Manipulated Communal Coping on Dating Couples Coping with a Stressor*, International Association of Relationship Research, Toronto, Canada, Jul. 2016, Oral Presentation.

PRESENTATIONS

Invited

- [1] **Webb, K. A. H.**, *Statistical inference for association studies with binary outcome misclassification: Implications for disparities and fairness research*, University of Pittsburgh, Department of Statistics Seminar Series, Pittsburgh, PA, Dec. 2023.
- [2] **Webb, K. A. H.**, *Modeling misdiagnosis in biomedical and public health association studies: Implications for health disparities research*, University of Pittsburgh Health Services Research Seminar Series, Pittsburgh, PA, Dec. 2023.
- [3] **Webb, K. A. H.**, *Nobody's (data is) perfect: How misclassified data biases our understanding of the world, and what to do about it*, Johns Hopkins University, Department of Biostatistics Seminar Series, Baltimore, MD, Nov. 2023.
- [4] **Webb, K. A. H.**, *Nobody's (data is) perfect: How misclassified data biases our understanding of the world, and what to do about it*, Carleton College Math/Stats Colloquium Series, Northfield, MN, Nov. 2023.
- [5] **Hochstedler, K. A.** and Wells, M. T., *A correction for binary outcome misclassification (noisy labels)*, LinkedIn and Bowers CIS Strategic Partnership Retreat, Ithaca, NY, May 2023.
- [6] **Hochstedler, K. A.**, *Developing your professional website*, Cornell University Center for Teaching Innovation, Active Learning Institute, Ithaca, NY, Mar. 2023.

Contributed

- [1] **Hochstedler, K. A.** and Wells, M. T., *Effect estimation in the presence of a misclassified binary mediator*, Eastern North American Region (ENAR) International Biometric Society, Baltimore, MD, Mar. 2024.
- [2] **Webb, K. A. H.**, *Nobody's (data is) perfect: How misclassified data biases our understanding of the world, and what to do about it*, Cornell University Statistics Graduate Society Student Seminar Series, Ithaca, NY, Nov. 2023.
- [3] **Hochstedler, K. A.** and Wells, M. T., *Statistical inference for association studies in the presence of binary outcome misclassification*, Eastern North American Region (ENAR) International Biometric Society, Nashville, TN, Mar. 2023.
- [4] **Hochstedler, K. A.**, *Statistical inference for association studies in the presence of binary outcome misclassification*, Cornell University Statistics Graduate Society Student Seminar Series, Ithaca, NY, Oct. 2022.

- [5] **Hochstedler, K. A.**, Fang, F., Tamura, R., Braun, T. M., and Kidwell, K. M., *Bayesian methods to compare dose levels to placebo in a Small n Sequential Multiple Assignment Randomized Trial (snSMART)*, Eastern North American Region (ENAR) International Biometric Society, Virtual, Mar. 2020.
- [6] **Hochstedler, K. A.**, *Self-Disclosure among Emerging Adults with Depression and/or Anxiety*, Meeting of the Minds at Carnegie Mellon University, Pittsburgh, PA, May 2018.
- [7] **Hochstedler, K. A.**, *What You Say Matters: Associations between Pronoun Use, Relationships, and Health*, Science and Humanities Scholars Summer Colloquium at Carnegie Mellon University, Pittsburgh, PA, Jul. 2016.
- [8] ***Hochstedler, K. A.** and Foster, M. J., *Analysis of PROMISE*, Summer Institute for Training in Biostatistics Student Presentations, Madison, WI, Jul. 2015.

Workshops

- [1] ***Webb, K. A. H.** and ***Beary, M. A.**, *Developing your teaching portfolio*, Cornell University Center for Teaching Innovation, University-Wide Teaching Conference, Ithaca, NY, Apr. 2024.
- [2] Graef, G. and **Webb, K. A. H.**, *Refining and editing your diversity statement*, Cornell University Center for Teaching Innovation, University-Wide Teaching Conference, Ithaca, NY, Apr. 2024.
- [3] **Webb, K. A. H.**, *My efforts to not be unemployed in 2024: Lessons from the academic job search*, Cornell University Statistics Graduate Society Student Seminar Series, Ithaca, NY, Feb. 2024.
- [4] ***Gekko, C. E.**, ***Rampasso, A. S.**, and **Webb, K. A. H.**, *Essentials of teaching: Peer review*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Oct. 2023.
- [5] ***Webb, K. A. H.** and ***Homant, E. J.**, *Role of TAs in cultivating an inclusive classroom*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Sep. 2023.
- [6] ***Choinet, A. J.**, ***Lu, Y.**, and **Webb, K. A. H.**, *Effective grading and feedback*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Sep. 2023.
- [7] **Webb, K. A. H.**, *Steps to developing a strong workshop*, Cornell University Center for Teaching Innovation, CTI Graduate Teaching Fellows Fall Retreat, Ithaca, NY, Aug. 2023.
- [8] LeBeau, K. N. and **Hochstedler, K. A.**, *Inclusive teaching strategies in the humanities*, Cornell University Center for Teaching Innovation, University-Wide Teaching Conference, Ithaca, NY, Apr. 2023.
- [9] ***Hochstedler, K. A.** and ***Graef, G.**, *Backward course design: Developing learning outcomes*, Cornell University Center for Teaching Innovation, Course Design Institute, Ithaca, NY, Mar. 2023.
- [10] ***Hochstedler, K. A.**, ***Beeghly, G. F.**, ***Ma, W.**, and ***Demler, C. M.**, *Course design: Peer review*, Cornell University Center for Teaching Innovation, Course Design Institute, Ithaca, NY, Mar. 2023.
- [11] **Hochstedler, K. A.**, *Developing your professional website*, Cornell University Center for Teaching Innovation, Graduate Teaching Fellowship Meeting, Ithaca, NY, Feb. 2023.

- [12] ***Hochstedler, K. A.**, *LeBeau, K. N., *Peltier, C., and *Tacoma-Fogal, R., *Essentials of teaching: Peer review*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Oct. 2022.
- [13] *Sana, S., ***Hochstedler, K. A.**, and *Lee, I., *Professional development tools: CVs, websites, and LinkedIn*, Cornell University Statistics Graduate Society Student Seminar Series, Ithaca, NY, Sep. 2022.
- [14] ***Hochstedler, K. A.** and *Rampasso, A. S., *Supporting student learning as a TA*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Sep. 2022.
- [15] ***Hochstedler, K. A.** and *Tacoma-Fogal, R., *Exploring innovative teaching in STEM*, Cornell University Center for Teaching Innovation, University-Wide Teaching Conference, Ithaca, NY, Mar. 2022.
- [16] **Hochstedler, K. A.**, *R Shiny Tutorial*, Cornell University Statistics Graduate Society Student Seminar Series, Ithaca, NY, Dec. 2021.
- [17] *Wollmuth, E. M., *Pea, J., **Hochstedler, K. A.**, and Ma, W., *Essentials of teaching: Peer review*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Oct. 2021.
- [18] *Wollmuth, E. M. and ***Hochstedler, K. A.**, *Effective grading and feedback*, Cornell University Center for Teaching Innovation, Essentials of Teaching Institute, Ithaca, NY, Sep. 2021.

Poster

- [1] **Webb, K. A. H.** and Wells, M., *Effect estimation in the presence of a misclassified binary mediator*, Cornell Celebration of Statistics and Data Science, Sep. 2023.
- [2] ***Hochstedler, K. A.** and *Zhang, J., *Association of PPI and H2RA Medication use with Outcomes in Head and Neck Squamous Cell Carcinoma (HNSCC)*, Biostatistics Capstone Poster Session, Virtual, Apr. 2020.
- [3] ***Hochstedler, K. A.**, *Jeet, Y., *Kang, M., and *Mahler, S., *Does the Timing of Rewards affect Children's Task Performance and Motivation?* Psychology Research Methods Poster Session at Carnegie Mellon University, Pittsburgh, PA, May 2018.
- [4] **Hochstedler, K. A.**, Helgeson, V. S., and Seltman, H., *Meta-Analytic Review of Pronoun Use and Health and Relationship Outcomes*, Society of Behavioral Medicine, New Orleans, LA, Apr. 2018.
- [5] ***Hochstedler, K. A.**, *Idera, S., and *Rolland, M., *Performance and Motivation on Tests of Emotional Intelligence: Gender Differences in Interest and Engagement*, Psychology Research Methods Poster Session at Carnegie Mellon University, Pittsburgh, PA, Dec. 2017.
- [6] **Hochstedler, K. A.**, Bell, G., Park, H., Ghassabian, A., Bell, E. M., Sundaram, R., Grantz, K. L., and Yeung, E. H., *Gestational Age at Birth and Early Childhood Development: The Upstate KIDS Study*, NIH Summer Research Program Poster Day, Bethesda, MD, Aug. 2017.
- [7] **Hochstedler, K. A.**, *Meta-Analytic Review of Pronoun Use and Health and Relationship Outcomes*, Meeting of the Minds at Carnegie Mellon University, Pittsburgh, PA, May 2017.
- [8] ***Hochstedler, K. A.**, *Self-disclosure among Emerging Adult Survivors of Childhood Illness*, Meeting of the Minds at Carnegie Mellon University, Pittsburgh, PA, May 2017.

- [9] ***Hochstedler, K. A.**, *Black, A., *Chung, C., and *Vigliotti, T., *What makes a Great Olympian? Analysis of the 2016 Olympics*, Statistical Graphics and Visualization Poster Session at Carnegie Mellon University, Pittsburgh, PA, Apr. 2017.
 - [10] **Hochstedler, K. A.**, Helgeson, V. S., Zajdel, M., Seltman, H., Korytkowski, M., and Hausmann, L., *Relations of Couples' Communal and Noncommunal Language to Support and Self-care for People with Type 2 Diabetes*, Society of Behavioral Medicine, Washington D.C. Apr. 2016.
 - [11] ***Hochstedler, K. A.** and *Essien, I., *Problem Solving among Dating Couples*, Meeting of the Minds at Carnegie Mellon University, Pittsburgh, PA, May 2015.
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SOFTWARE

R Packages

- **"COMMA"** (<https://kimberlywebb.github.io/COMMA/>) "COMMA" (CORrecting MISclassified Mediation Analysis) provides a set of functions for mediation analysis with a misclassified binary mediator. Three different bias-correction methods are provided.
- **"COMBO"** (<https://kimberlywebb.github.io/COMBO/>) "COMBO" (CORrecting MISclassified Binary Outcomes) provides a set of functions for the analysis of regression models with binary outcome misclassification.
- **"rddapp"** (<https://www.felixthoemmes.com/rddapp/>): "rddapp" provides a set of functions for the analysis of the regression-discontinuity design (RDD). The main features include estimation of effects of interest, power analysis, and assumption checks.
- **"cornellcolors"** (<https://github.com/kimberlywebb/cornellcolors>): "cornellcolors" provides color palettes matching Cornell University's official branding. Additional color palettes are inspired by iconic buildings at Cornell University.
- **"carnegiecolors"** (<https://github.com/kimberlywebb/carnegiecolors>): "carnegiecolors" provides color palettes matching Carnegie Mellon University's official branding.
- **"maizeandblue"** (<https://github.com/kimberlywebb/maizeandblue>): "maizeandblue" provides color palettes matching the University of Michigan's official branding. Additional color palettes are inspired by local eateries in Ann Arbor, Michigan.
- **"pittpalette"** (<https://github.com/kimberlywebb/pittpalette>): "pittpalette" provides color palettes matching the University of Pittsburgh's official branding.

Web Applications

- **shinyrdd**: Application for the analysis of regression-discontinuity designs (RDDs). "shinyrdd" is deployable from within the "rddapp" R package.
- **Pneumonitis Prediction App** (<http://ppa.mroqc.org/>): Application to estimate the risk of developing pneumonitis in lung cancer patients, based on treatment and clinical characteristics. Designed to aid physicians in radiation treatment planning.

- **OncCOVID:** Application to quantify the risk of immediate vs. delayed treatment for cancer patients during the COVID-19 pandemic, based on a patient's individual characteristics, as well as on COVID-19 transmission levels in their local community.
- **Heavy-Tailed Distribution Expected Value Estimation Simulator** (<https://kimhochstedler.shinyapps.io/heavytails/>): Application that runs simulations comparing the median-of-means and empirical mean estimators in heavy-tailed distributions.
- **Tswift in an Rscript** (<https://kimhochstedler.shinyapps.io/tswizzle/>): Application to analyze Taylor Swift's top songs. Developed for a tutorial on R Shiny for beginners.

Tutorials

- **Creating a Professional Website** (https://github.com/kimberlywebb/website_template): Tutorial and template for creating your own professional website using GitHub Pages.
- **R Shiny Tutorial:** Tutorial for creating R Shiny web applications. Includes a template for the "Tswift in an Rscript" application (<https://kimhochstedler.shinyapps.io/tswizzle/>). Materials available upon request.

TEACHING EXPERIENCE

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| 2023 - 2024 | <p>Senior Lead Graduate Teaching Fellow <i>Cornell University, Center for Teaching Innovation</i></p> <p>Responsibilities: "Lead Graduate Teaching Fellow" description plus planning the graduate student and postdoctoral scholar teaching workshop program, planning and facilitating weekly meetings with the graduate teaching fellows and advisors, coordinating quarterly newsletters.</p> |
| 2023 | <p>Advanced Graduate Teaching Cohort Co-Creator and Co-Facilitator <i>Cornell University, Center for Teaching Innovation & Presidential Advisors on Diversity and Equity</i></p> |
| 2022 - 2023 | <p>Lead Graduate Teaching Fellow <i>Cornell University, Center for Teaching Innovation</i></p> <p>Responsibilities: "Graduate Teaching Fellow" description plus mentored new graduate teaching fellows in developing teaching workshops, provided teaching observations and consultations, and led meetings of the graduate teaching fellows (once per semester).</p> |
| 2021 - 2022 | <p>Graduate Teaching Fellow <i>Cornell University, Center for Teaching Innovation</i></p> <p>Responsibilities: Facilitated teaching workshops, developed and coordinated a university-wide teaching conference.</p> |
| 2022 - 2023 (4 semesters) | <p>Graduate Teaching Assistant <i>Cornell University, School of Continuing Education and Summer Sessions</i></p> |

Course: Introductory Statistics
Professor: Thomas DiCiccio, Ph.D.
Student ratings unavailable.

- 2021 Graduate Teaching Assistant
Cornell University, Department of Statistics and Data Science
Course: Biological Statistics II
Professor: Jeremy Entner, Ph.D.
Average student rating: 4.82 / 5
- 2020 Graduate Teaching Assistant
Cornell University, Department of Statistics and Data Science
Course: Statistical Methods I (Graduate Level)
Professor: Sumanta Basu, Ph.D.
Average student rating: 4.89 / 5
- 2019 - 2020 Course Designer
University of Michigan, Department of Nutrition
Course: Hungry in America - Building Skills to Feed Communities
Professors: Kate Bauer, Ph.D. and Susan Aaronson, M.A., R.D.
- 2018 Undergraduate Teaching Assistant
Carnegie Mellon University, Department of Psychology
Course: Biological Foundations of Behavior
Professor: Marlene Behrmann, Ph.D.
- 2017 Undergraduate Teaching Assistant
Carnegie Mellon University, Department of Psychology
Course: Social Psychology
Professor: Vicki Helgeson, Ph.D.

SERVICE

- 2024 Graduate Teaching Fellows Program Selection Committee (Cornell University, Center for Teaching Innovation)
- 2024 Cornelia Ye Outstanding Teaching Assistant Award Selection Committee (Cornell University, Center for Teaching Innovation)
- 2024 University-Wide Teaching Conference, *Experiences on the Academic Job Market* Invited Panelist (Cornell University, Center for Teaching Innovation)
- 2024 University-Wide Teaching Conference, Organizer (Cornell University, Center for Teaching Innovation)
- 2021 - 2023 Statistics Graduate Society, Peer Mentor (Cornell University)
- 2023 Graduate Teaching Fellows Program Selection Committee (Cornell University, Center for Teaching Innovation)
- 2023 Advanced Graduate Teaching Cohort Selection Committee (Cornell University)

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| 2022 - Present | Student Athlete Mentorship Program, Alumni Mentor (Carnegie Mellon University) |
| 2021 - 2022 | Statistics Graduate Society, Co-Founder and President (Cornell University) |
| 2021 | Cornell Law Review, Statistical Reviewer (Cornell University) |
| 2019 - 2020 | Department of Biostatistics Peer Mentoring Committee (University of Michigan) |
| 2019 - 2020 | Department of Biostatistics, Peer Mentor (University of Michigan) |
| 2018 - 2020 | School of Public Health, Admissions Ambassador (University of Michigan) |
| 2019 | Department of Biostatistics, First-Year Student Retreat Co-Organizer and Student Counselor (University of Michigan) |
| 2019 | Big Data Summer Institute, Student Coordinator (University of Michigan) |
| 2019 | Department of Biostatistics Diversity, Equity, and Inclusion Committee (University of Michigan) |
| 2019 | Undergraduate Research Symposium, Poster Judge (University of Michigan) |
| 2018 | Swimming and Diving Varsity Team Captain (Carnegie Mellon University) |
| 2018 | Elliott Dunlap Smith Award Selection Committee (Carnegie Mellon University) |
| 2017 - 2018 | Student Athlete Advisory Council, Community Service Chair (Carnegie Mellon University) |
| 2017 | All-Conference Student Athlete Advisory Council Summit, University Representative (University Athletic Association) |
| 2015 - 2018 | Student Athlete Advisory Council, Team Representative (Carnegie Mellon University) |

ADDITIONAL TRAINING

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| 2023 - 2024 | NextGen Professors Program <i>Cornell University, Ithaca, NY</i> |
| 2023 | Colman Inclusive Leadership Program <i>Cornell University, Ithaca, NY</i> |
| 2023 | Future Professors Institute <i>Cornell University, Ithaca, NY</i> |
| 2023 | Building Mentorship Skills for Academic Careers (5 Week Course) <i>Cornell University, Ithaca, NY</i> |
| 2022, 2023 | Ivy+ Teaching Transformations Summit <i>Virtual</i> |
| 2021 - 2022 | Teaching and Learning in the Diverse Classroom <i>Cornell University, Ithaca, NY</i> |
| 2020 - 2025 | Collaborative Institutional Training Initiative (CITI Program) in Responsible Conduct of Research |

Cornell University, Ithaca, NY

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| 2020 - 2023 | Program for Education and Evaluation in Responsible Research and Scholarship (PEERRS) Certification in Responsible Conduct of Research <i>University of Michigan, Ann Arbor, MI</i> |
| 2019 | Effective Teaching in Public Health <i>University of Michigan, Ann Arbor, MI</i> |
| 2018 | Approaches to the Responsible Practice of Biostatistics <i>University of Michigan, Ann Arbor, MI</i> |
| 2018 | Carnegie Mellon Athletics Leadership Development Program <i>Carnegie Mellon University, Pittsburgh, PA</i> |
| 2015 | Summer Institute for Training in Biostatistics (SIBS) Student <i>University of Wisconsin - Madison, Department of Statistics</i> |

PROFESSIONAL MEMBERSHIPS

Caucus for Women in Statistics and Data Science (2024 - Present)
 American Statistical Association (2023 - Present)
 Eastern North American Region, International Biometric Society (2019 - 2020, 2022 - Present)
 Society of Behavioral Medicine (2018)

COMMUNITY OUTREACH

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|-------------|---|
| 2017 - 2018 | First Grade Tutor (Lincoln Elementary School, Pittsburgh, PA) |
| 2017 - 2018 | Western Spring Sectional Competition, Aquatics Program Coordinator (Special Olympics of Pennsylvania) |
| 2016 - 2017 | Western Spring Sectional Competition, Event Volunteer (Special Olympics of Pennsylvania) |
| 2015 - 2016 | Camp Kesem, Outreach Coordinator and Camp Counselor (Carnegie Mellon University) |

MEDIA COVERAGE

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| 2020 | "Concerns About Preterm Birth Extend to the Last Few Weeks" Perri Klass, <i>The New York Times</i> , June 8, 2020 |
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