

CURRICULUM VITAE FOR CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE

JANUARY 15, 2025

PERSONAL INFORMATION

Name; last, first middle	Zabor, Emily Craig
Credentials; MD, PhD, etc.	MS, DrPH
Institution / Institute	Cleveland Clinic, Lerner Research Institute
Department	Quantitative Health Sciences
Office Address & Mail Code	9500 Euclid Ave, Cleveland, OH 44195, CA-60
Office Phone	216-387-8625
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EDUCATION & TRAINING

Education

School & City, State / Country	Grinnell College, Grinnell, IA
Degree	BA, Anthropology
Start-End Dates	08/1999 – 05/2003
School & City, State / Country	University of Minnesota, Minneapolis, MN
Degree	MS, Biostatistics
Start-End Dates	08/2008 – 05/2010
School & City, State / Country	Columbia University, New York, NY
Degree	DrPH, Biostatistics
Start-End Dates	01/2013 – 02/2019

PhD Thesis

Title	Statistical Methods for the Study of Etiologic Heterogeneity
Thesis Committee Members	Colin B. Begg, PhD, Shuang Wang, PhD, Yuanjia Wang, PhD, Min Qian, PhD, Mary Beth Terry, PhD

PROFESSIONAL APPOINTMENTS

Position	Associate Staff
Institution / Institute	Cleveland Clinic, Lerner Research Institute
Department	Department of Quantitative Health Sciences
Institution / Institute	Cleveland Clinic, Taussig Cancer Institute
Department	Department of Medical Oncology
Start-End Dates	12/2023 – present
Position	Assistant Staff
Institution / Institute	Cleveland Clinic, Lerner Research Institute
Department	Department of Quantitative Health Sciences
Institution / Institute	Cleveland Clinic, Taussig Cancer Institute
Department	Department of Medical Oncology
Start-End Dates	07/2019 – 12/2023
Position	Senior Research Biostatistician
Institution & Institute	Memorial Sloan Kettering Cancer Center

Department Department of Epidemiology & Biostatistics
City, State / Country New York, New York, USA
Start-End Dates 04/2018 – 06/2019

Position Research Biostatistician II
Institution & Institute Memorial Sloan Kettering Cancer Center
Department Department of Epidemiology & Biostatistics
City, State / Country New York, New York, USA
Start-End Dates 08/2015 – 03/2018

Position Research Biostatistician
Institution & Institute Memorial Sloan Kettering Cancer Center
Department Department of Epidemiology & Biostatistics
City, State / Country New York, New York, USA
Start-End Dates 10/2012 – 07/2015

Position Assistant Research Biostatistician
Institution & Institute Memorial Sloan Kettering Cancer Center
Department Department of Epidemiology & Biostatistics
City, State / Country New York, New York, USA
Start-End Dates 08/2010 – 09/2012

ACADEMIC APPOINTMENTS

Rank, Department Associate Professor of Medicine
Institution & City, State / Country Cleveland Clinic Lerner College of Medicine of Case Western Reserve
University, Cleveland, Ohio, USA
Start-End Dates 01/2025 - present

Rank, Department Assistant Professor of Medicine
Institution & City, State / Country Cleveland Clinic Lerner College of Medicine of Case Western Reserve
University, Cleveland, Ohio, USA
Start-End Dates 03/2020 – 12/2024

Rank, Department Adjunct Professor
Institution & City, State / Country Hunter College, New York, New York, USA
Start-End Dates 09/2016 - 06/2017

ADDITIONAL CAREER DEVELOPMENT

Research Development

School / Institution The University of Minnesota, Division of Health Policy & Management
Title / Certificate Research Assistant
Start-End Dates 2008-2009

School / Institution National Institutes of Health, Eunice Kennedy Shriver National Institute for
Child Health & Human Development
Title / Certificate Summer Intern in Biomedical Research
Start-End Dates 2009

School / Institution The University of Minnesota, Coordinating Centers for Biometric Research
Title / Certificate Research Assistant
Start-End Dates 2009-2010

Editorial Development

School / Institution American Society of Clinical Oncology
Title / Certificate Editorial Fellowship, Journal of Clinical Oncology
Start-End Dates July 1, 2022-June 30, 2023

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Name of Society American Statistical Association
Role / Title Member
Start-End Dates 2010-present

Name of Society Eastern North American Region of the International Biometric Society
Role / Title Member
Start-End Dates 2011-present

Name of Society American Society of Clinical Oncology
Role / Title Member
Start-End Dates 2015-2019

Name of Society Society for Epidemiologic Research
Role / Title Member
Start-End Dates 2017-2019

Name of Society Eastern North American Region of the International Biometric Society
Role / Title Council for Emerging and New Statisticians Committee Member
Start-End Dates 2019-2021

Name of Society International Society for Clinical Biostatistics
Role / Title Member
Start-End Dates 2022-present

PROFESSIONAL SERVICES

Editorial Board Membership

Journal 1 Journal of Urology, Editorial Board of Statisticians
Start-End Dates 2018-2020

Journal 2 European Urology, Statistical Associate Editor
Start-End Dates 2019-2021

Journal 3 R Journal, Associate Editor
Start-End Dates 2020-2024

Journal 4 Journal of Urology, Chief Statistician
Start-End Dates 2021-2024

Journal 5 Journal of Clinical Oncology
Start-End Dates 2024-present

Journal 5 R Journal, Executive Editor
Start-End Dates 2025-present

Manuscript Reviewer

Journal 1 Journal of Urology
Start-End Dates 2013-2017

Journal 2 Start-End Dates	Journal of Clinical Oncology 2017-2023
Journal 3 Start-End Dates	Journal of the American Statistical Association 2018-present
Journal 3 Start-End Dates	R Journal 2019-2020
Journal 3 Start-End Dates	ROpenSci 2021-present

Advisory Groups

Organization Title Start-End Dates	R-Ladies, NYC Board Member 2016-2019
Organization Title Start-End Dates	Biodesix, Inc. Data and Safety Monitoring Board member 2023-present

COMMITTEE SERVICE

International

Organization Committee Name / Role Start-End Dates	International Society for Clinical Biostatistics ISCB44 Scientific Program Committee 2022-2023
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National

Organization Committee Name / Role Start-End Dates	R/Medicine R/Medicine Conference Organizing Committee 2022-2024
Organization Committee Name / Role Start-End Dates	American Statistical Association Statistical Graphics Section, Program-Chair Elect 2024
Organization Committee Name / Role Start-End Dates	American Association for Cancer Research/American Society for Clinical Oncology Methods in Clinical Cancer Research Workshop, Faculty 2024-present
Organization Committee Name / Role Start-End Dates	R/Medicine R/Medicine Conference Organizing Committee, Chair 2024-present
Organization Committee Name / Role Start-End Dates	American Statistical Association Statistical Graphics Section, Program Chair 2025

Cleveland Clinic

Committee Name / Role Start-End Dates	CCLCM Clinical Research Block Presentations, Faculty Assessor 2019, 2020, 2022
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Committee Name / Role	2 nd Annual Advances in Early Lung Cancer Detection Conference Breakout Sessions, Statistician Contributor
Start-End Dates	2019
Committee Name / Role	LRI Staff Biostatistician, Search Committee Member
Start-End Dates	2020
Committee Name / Role	CCF Research Day, Clinical Abstract Review Committee Member
Start-End Dates	2020
Committee Name / Role	Taussig Cancer Institute Hematologic Fellows Journal Club, Statistical Mentor
Start-End Dates	2020-present
Committee Name / Role	Global Center for Pathogen and Human Health Research Young Investigators Award, Grant Review Committee
Start-End Dates	2023
Committee Name / Role	F. Merlin Bumpus Junior Investigator Award, Judge
Start-End Dates	2023
Committee Name / Role	QHS-PM Staff Biostatistician, Search Committee Chair
Start-End Dates	2024

Memorial Sloan Kettering Cancer Center

Committee Name / Role	R User Group, Member
Start-End Dates	2016-2019
Committee Name / Role	Coding Workshop, Founder & Chair
Start-End Dates	2018-2019

HONORS & AWARDS

Mortar Board Honor Society, Grinnell College, 2002-2003

Ralph A. Leubben Prize for Anthropology, Grinnell College, 2003

Outstanding Teaching Assistant Award, The University of Minnesota, 2009

Travel Awardee, American Statistical Association Section on Statistics in Epidemiology, 2017

Award of Merit, The Journal of Urology, 2023

Top 5 Reviewer, Journal of Clinical Oncology, 2023

TEACHING ACTIVITIES

Curriculum/ Course Development

1. Introduction to Biostatistics, Hunter College, New York, NY
Spent 3 hours/week creating content and 3 hours/week teaching the course, 2016-2017 academic year. Developed the full curriculum including selecting textbooks, creating course content, designing assignments, writing exams. Graded all assignments and exams. Answered student questions and provided feedback.

Invited Lectures **International**

1. “Bayesian Basket Trial Design With False Discovery Rate Control.” International Indian Statistical Association Conference, Virtual. 05/2021.
2. “Brief Introduction to Phase II Designs in Oncology.” Seventh International Conference on Statistics for Twenty-first Century, Virtual. 12/2021.
3. “Bayesian Basket Trial Design with False Discovery Rate Control.” 43rd Annual Conference of the International Society for Clinical Biostatistics, Newcastle, United Kingdom. 08/2022.

National

1. “How Long Will I Live? The Statistics Behind Prognosis In Cancer Research.” New York R Conference, New York, NY. 04/2018.
2. “Teaching Survival Analysis To Clinical Collaborators.” R/Medicine Conference, New Haven, CT. 09/2018.
3. “Statistical Methods For The Study Of Etiologic Heterogeneity.” NYU School of Medicine Department of Population Health, Division of Biostatistics, New York, NY. 10/2018.
4. “Statistical Methods For The Study Of Etiologic Heterogeneity.” Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY. 12/2018.
5. “Reporting Effect Size And Precision In Clinical Research.” American Urological Association Methods in Clinical Urology Research (MCURe) Workshop, Virtual. 07/2021.
6. “Correlating Surrogate Endpoints With Overall Survival At The Individual Patient Level For Precision Oncology.” Joint Statistical Meetings, Virtual. 08/2021.
7. “Optimal Sequential Predictive Probability Designs for Early Phase Expansion Cohorts.” Eastern North American Region of the International Biometric Society Meetings, Houston, TX. 03/2022.
8. “Estimands, interval censoring, and COVID-19-related disruptions to oncology clinical trials.” University of Colorado Biostatistics Seminar Series, Virtual. 04/2022.
9. “Creating publication-ready summary tables with {gtsummary}.” Harvard Data Science Initiative R User Group, Virtual. 12/2022.
10. “Using the case study of Atezolizumab development to rethink early phase oncology trial design.” Dana-Farber Cancer Institute Department of Data Science Frontiers in Biostatistics Seminar Series, Virtual. 02/2023.
11. “Randomized optimal efficiency predictive probability designs for early phase biomarker-targeted oncology trials.” New England Statistics Symposium annual meeting, Boston, MA, 06/2023.
12. “Reporting Survival Analysis Results with the {gtsummary} and {ggsurvfit} Packages.” New York R Conference, New York, NY. 05/2024.
13. “Introduction to Survival Analysis in R.” R-Ladies Philadelphia, Virtual. 12/2024.

Regional/Midwest

1. “Validity Of A Method For Identifying Disease Subtypes That Are Etiologically Heterogeneous.” Mayo Clinic Department of Health Sciences Research, Rochester, MN. 09/2018.

2. “Using the case study of Atezolizumab to rethink early phase oncology trial design.” University of Michigan Biostatistics Seminar Series, Ann Arbor, MI. 11/2022.

Local

1. “Statistical Methods For The Study Of Etiologic Heterogeneity.” Cleveland Clinic Department of Quantitative Health Sciences, Cleveland, OH. 11/2018.
2. “Creating Presentation-Ready Summary Tables With {gtsummary}.” Greater Cleveland R User Group, Cleveland, OH. 09/2020.
3. “Optimal efficiency predictive probability design for early phase oncology clinical trials.” Cleveland Clinic, Case Western Reserve University, Ohio State University 2023 Annual Joint Biostatistics Symposium, Cleveland, OH. 04/2023.
4. “Using the case study of atezolizumab development to rethink early phase oncology trial design.” Case Comprehensive Cancer Center Population and Cancer Prevention Seminar Series, Cleveland, OH. 01/2024.
5. “Cancer biostatistics in academic medicine – a perspective on master’s and faculty level positions.” Case Western Reserve University Department of Biostatistics Student Career Seminar Series, Cleveland, OH. 02/2024.

Grand Rounds

National

1. “Etiologic Heterogeneity In Cancer.” Cleveland Clinic Florida Cancer Grand Rounds, Weston, FL. 01/2020.

Other Presentations

International

1. “Initial Reactions To Tobacco And Risk Of Future Regular Tobacco Use.” Poster presentation, Third North American Congress of Epidemiology, Montreal, Canada. 06/2011.
2. “A Review Of Statistical Methods For Evaluating Etiologic Heterogeneity.” Oral presentation, Third International Molecular Pathologic Epidemiology Meeting, Boston, MA. 03/2016.
3. “Variable Selection and Its Applications in Biomedical Sciences.” Session chair, International Indian Statistical Association Meeting, Virtual. 05/2021.

National

1. “Association Between Periodontal Disease, Bacterial Vaginosis, And Sexual Risk Behaviours.” Oral presentation, American Association for Dental Research Meetings, Washington DC. 03/2010.
2. “A Comparison Of Statistical Methods For The Study Of Etiologic Heterogeneity.” Poster presentation, Eastern North American Region of the International Biometric Society, Washington DC. 03/2017.
3. “A Comparison Of Statistical Methods For The Study Of Etiologic Heterogeneity.” Poster presentation, Society for Epidemiologic Research, Seattle, WA. 06/2017.
4. “Dimension Reduction In The Study Of Etiologic Heterogeneity.” Oral presentation, Joint Statistical Meetings, Baltimore, MD. 09/2017.
5. “Validity Of A Method For Identifying Disease Subtypes That Are Etiologically Heterogeneous.” Oral presentation, Eastern North American Region of the International Biometric Society, Atlanta, GA. 03/2018.
6. “Validity Of A Method For Identifying Disease Subtypes That Are Etiologically Heterogeneous.” Oral/poster presentation, Joint Statistical Meetings, Vancouver, Canada. 07/ 2018.

7. “Trial Design with Subpopulation Heterogeneity: What Is the Role of Real-World Evidence?” Session chair, Joint Statistical Meetings, Virtual. 08/2020.
8. “Designing Early Phase Clinical Trials With {ppseq}.” R/Medicine Conference, Virtual. 08/2021.
9. “Reporting survival analysis results with the {gtsummary} and {ggsurvfit} packages.” R/Medicine Conference, Virtual. 06/2024.

Trainees/Mentees

1. Sneha Govande, PhD; Postdoctoral Researcher, Cleveland Clinic, 05/2023-05/2025.
2. Millennia Zhou, BS; Internship/Practicum, Case Western Reserve University MS Biostatistics, 09/2023-11/2023.
3. Yohanna Bedelu; Grinnell College Undergraduate Summer Internship, 06/2024-08/2024.

Teaching Activities

1. Teaching Assistant, Introduction to Biostatistics, 10 hours/week. Graduate students of The University of Minnesota, Minneapolis, MN, 2008-2010.
2. Teaching Assistant, Advanced Topics in Clinical Trials, 10 hours/week. Graduate students of The University of Minnesota, Minneapolis, MN, 2008-2010.
3. Teaching Assistant, Data Science I, 10 hours/week. Graduate students of Columbia University, New York, NY, 2017.
4. “Binary Recursive Partitioning With {rpart} and {rpart.plot}.” Masters Seminar Series, Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 1 hour tutorial, 08/2011.
5. “Conditional Survival.” Masters Seminar Series, Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 1 hour tutorial, 11/2012.
6. “Longitudinal Data Analysis.” Masters Seminar Series, Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 1 hour tutorial, 07/2015.
7. “Demonstration of Utility Functions for R Markdown Reports in Word.” R User Group, Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 1 hour tutorial, 12/2016.
8. “Creating Websites in R.”

R User Group, Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 1 hour tutorial, 01/2018.

R-Ladies NYC Meeting, 1 hour tutorial, 02/2018.

Produced a public-facing website with resulting content at https://www.emilyzabor.com/tutorials/rmarkdown_websites_tutorial.html.

9. “Survival Analysis in R.” R Presenter Series, Memorial Sloan Kettering Cancer Center Department of Strategy & Innovation, New York, NY, 1 hour tutorial, 08/2018.

10. “Introduction to Survival Analysis,” two 3-hour lectures. Masters-level biostatisticians of Memorial Sloan Kettering Cancer Center Department of Epidemiology & Biostatistics, New York, NY, 03/2019.

Produced a public-facing website with the resulting content at

https://www.emilyzabor.com/tutorials/survival_analysis_in_r_tutorial.html. This material has been widely used and shared for training purposes internally, nationally, and internationally. 2 hours/quarter maintaining and updating.

11. Co-Instructor, Biostatistics and Epidemiology, two 2-hour lectures. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 05/2021.
12. Faculty Methodologist, Clinical Research Methods Journal Club, 2 hour session. Cleveland Clinic Lerner Collage of Medicine students, 07/2021.
13. Guest lecturer, Tools course, "Introduction to R and RStudio," 3 hour lecture. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 07/2021.
14. Co-Instructor, Biostatistics and Epidemiology, two 2-hour lectures. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 05/2022.
15. Faculty Methodologist, Clinical Research Methods Journal Club, 2 hour session. Cleveland Clinic Lerner Collage of Medicine students, 07/2022.
16. Guest lecturer, Tools course, "Introduction to R and RStudio," 3 hour lecture. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 08/2022.
17. Co-Instructor, Biostatistics and Epidemiology, two 2-hour lectures. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 05/2023.
18. Guest lecturer, Tools course, "Introduction to R and RStudio," 3 hour lecture. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 08/2023.
19. Faculty Instructor, "A Good Read: Demystifying Medical Publishing for Urologists: Insights and Tips From the Editors of The Journal of Urology® and European Urology," 2 hour instructional course. Attendees of the 2024 American Urological Association Annual Meeting. San Antonio, TX, 05/2024.
20. Co-Instructor, Biostatistics and Epidemiology, two 2-hour lectures. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 05/2024.
21. Guest lecturer, Tools course, "Introduction to R and RStudio," five one-hour lectures. PhD students of Cleveland Clinic Lerner College of Medicine Molecular Medicine program, 08/2024.

RESEARCH / GRANT SUPPORT

Completed

Sponsor Agency and ID #	American Cancer Society (award # RSG-24-1322538-01-IBCD)
Title	Intratumoral bacteria modulation of the tumor immune microenvironment in head and neck cancer
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Natalie Silver)
Percent Effort	2%
Percent Salary Support	2%
Total Direct Costs Awarded	\$860,000 (Total awarded amount including indirects - \$946,000)
Start-End Dates	01/2025-12/2028
Sponsor Agency and ID #	Cleveland Clinic Lerner Research Institute
Title	Career Development Award
Total Direct Costs Awarded	\$5000
Start-End Dates	10/2022
Sponsor Agency and ID #	National Cancer Institute
Title	SPORE in Bladder Cancer
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Dean Bajorin)

Percent Effort	25%
Percent Salary Support	25%
Total Direct Costs Awarded	\$2,299,837
Start-End Dates	08/2018-07/2019
Sponsor Agency and ID #	National Heart, Lung, and Blood Institute
Title	Investigation of the Effects of Electronic Cigarettes on Vascular Health
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Helena Furberg)
Percent Effort	5%
Percent Salary Support	5%
Total Direct Costs Awarded	\$128,550
Start-End Dates	09/2016-08/2018
Sponsor Agency and ID #	Chanel Endowment to Fund Survivorship
Title	Body composition and the obesity paradox in renal cell carcinoma
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Helena Furberg)
Percent Effort	3%
Percent Salary Support	3%
Total Direct Costs Awarded	\$25,941
Start-End Dates	01/2016-06/2019
Sponsor Agency and ID #	MSK Chanel Survivorship Research Grant
Title	Body composition and the obesity paradox in renal cell carcinoma
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Helena Furberg)
Percent Effort	3%
Percent Salary Support	3%
Total Direct Costs Awarded	\$48,535
Start-End Dates	01/2016-12/2017
Sponsor Agency and ID #	National Cancer Institute
Title	Do cardiovascular risk factors modify the cardiotoxicity of lymphoma treatments?
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Talya Salz)
Percent Effort	12.5%
Percent Salary Support	12.5%
Total Direct Costs Awarded	\$50,000
Start-End Dates	06/2015-05/2018
Sponsor Agency and ID #	American Cancer Society
Title	Predictors of Post-diagnosis Smoking in Bladder Cancer
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Helena Furberg)
Percent Effort	5%
Percent Salary Support	0%
Total Direct Costs Awarded	\$156,640
Start-End Dates	01/2015-12/2019
Sponsor Agency and ID #	Memorial Sloan Kettering Cancer Center Translational Kidney Cancer Research
Title	Immunohistochemical study of estrogen receptor protein expression in ccRCC
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Helena Furberg)
Percent Effort	9%
Percent Salary Support	9%
Total Direct Costs Awarded	\$50,000
Start-End Dates	06/2014-11/2015

Sponsor Agency and ID #	National Cancer Institute
Title	Statistical strategies for Establishing Etiologic Heterogeneity of Tumors
Your Role (PI, Co-PI, Co-Investigator, etc.)	Co-Investigator (PI: Dr. Colin Begg)
Percent Effort	40%
Percent Salary Support	40%
Total Direct Costs Awarded	\$207,500
Start-End Dates	07/2012-05/2018

BIBLIOGRAPHY

Peer Reviewed Articles

1. **Zabor, E. C.**, Klebanoff, M., Yu, K., Zhang, J., Nansel, T., Andrews, W., Schwebke, J., & Jeffcoat, M. (2010). Association between periodontal disease, bacterial vaginosis, and sexual risk behaviours. *J Clin Periodontol*, 37(10), 888-893. doi:10.1111/j.1600-051X.2010.01593.x
2. Shree, T., Olson, O. C., Elie, B. T., Kester, J. C., Garfall, A. L., Simpson, K., Bell-McGuinn, K. M., **Zabor, E. C.**, Brogi, E., & Joyce, J. A. (2011). Macrophages and cathepsin proteases blunt chemotherapeutic response in breast cancer. *Genes Dev*, 25(23), 2465-2479. doi:10.1101/gad.180331.111
3. Brader, P., Abramson, S. J., Price, A. P., Ishill, N. M., Emily, Z. C., Moskowitz, C. S., La Quaglia, M. P., & Ginsberg, M. S. (2011). Do characteristics of pulmonary nodules on computed tomography in children with known osteosarcoma help distinguish whether the nodules are malignant or benign? *J Pediatr Surg*, 46(4), 729-735. doi:10.1016/j.jpedsurg.2010.11.027
4. Moskowitz, C. S., **Zabor, E. C.**, & Jochelson, M. (2012). Breast imaging: understanding how accuracy is measured when lesions are the unit of analysis. *Breast J*, 18(6), 557-563. doi:10.1111/tbj.12009
5. Kadota, K., Colovos, C., Suzuki, K., Rizk, N. P., Dunphy, M. P., **Zabor, E. C.**, Sima, C. S., Yoshizawa, A., Travis, W. D., Rusch, V. W., & Adusumilli, P. S. (2012). FDG-PET SUVmax combined with IASLC/ATS/ERS histologic classification improves the prognostic stratification of patients with stage I lung adenocarcinoma. *Ann Surg Oncol*, 19(11), 3598-3605. doi:10.1245/s10434-012-2414-3
6. Kadota, K., Suzuki, K., Kachala, S. S., **Zabor, E. C.**, Sima, C. S., Moreira, A. L., Yoshizawa, A., Riely, G. J., Rusch, V. W., Adusumilli, P. S., & Travis, W. D. (2012). A grading system combining architectural features and mitotic count predicts recurrence in stage I lung adenocarcinoma. *Mod Pathol*, 25(8), 1117-1127. doi:10.1038/modpathol.2012.58
7. Begg, C. B., & **Zabor, E. C.** (2012). Detecting and exploiting etiologic heterogeneity in epidemiologic studies. *Am J Epidemiol*, 176(6), 512-518. doi:10.1093/aje/kws128
8. Abramson, D. H., Marr, B. P., Dunkel, I. J., Brodie, S., **Zabor, E. C.**, Driscoll, S. J., & Gobin, Y. P. (2012). Intra-arterial chemotherapy for retinoblastoma in eyes with vitreous and/or subretinal seeding: 2-year results. *Br J Ophthalmol*, 96(4), 499-502. doi:10.1136/bjophthalmol-2011-300498
9. **Zabor, E. C.**, Gonen, M., Chapman, P. B., & Panageas, K. S. (2013). Dynamic prognostication using conditional survival estimates. *Cancer*, 119(20), 3589-3592. doi:10.1002/cncr.28273
10. **Zabor, E. C.**, Li, Y., Thornton, L. M., Shuman, M. R., Bulik, C. M., Lichtenstein, P., Pedersen, N. L., Sullivan, P. F., & Furberg, H. (2013). Initial reactions to tobacco use and risk of future regular use. *Nicotine Tob Res*, 15(2), 509-517. doi:10.1093/ntr/nts180
11. Weiss, M. J., Ito, H., Araujo, R. L., **Zabor, E. C.**, Gonen, M., D'Angelica, M. I., Allen, P. J., DeMatteo, R. P., Fong, Y., Blumgart, L. H., & Jarnagin, W. R. (2013). Hepatic pedicle clamping during hepatic resection for colorectal liver metastases: no impact on survival or hepatic recurrence. *Ann Surg Oncol*, 20(1), 285-294. doi:10.1245/s10434-012-2583-0
12. Rink, M., **Zabor, E. C.**, Furberg, H., Xylinas, E., Ehdai, B., Novara, G., Babjuk, M., Pycha, A., Lotan, Y., Trinh, Q. D., Chun, F. K., Lee, R. K., Karakiewicz, P. I., Fisch, M., Robinson, B. D., Scherr, D. S., & Shariat, S. F. (2013). Impact of smoking and smoking cessation on outcomes in bladder cancer patients treated with radical cystectomy. *Eur Urol*, 64(3), 456-464. doi:10.1016/j.eururo.2012.11.039
13. Rink, M., Furberg, H., **Zabor, E. C.**, Xylinas, E., Babjuk, M., Pycha, A., Lotan, Y., Karakiewicz, P. I., Novara, G., Robinson, B. D., Montorsi, F., Chun, F. K., Scherr, D. S., & Shariat, S. F. (2013). Impact of smoking and smoking cessation on oncologic outcomes in primary non-muscle-invasive bladder cancer. *Eur Urol*, 63(4), 724-732. doi:10.1016/j.eururo.2012.08.025
14. Ridge, C. A., Huang, J., Cardoza, S., **Zabor, E. C.**, Moskowitz, C. S., Zakowski, M. F., & Ginsberg, M. S. (2013). Comparison of multiplanar reformatted CT lung tumor measurements to axial tumor measurement

alone: impact on maximal tumor dimension and T stage. *AJR Am J Roentgenol*, 201(5), 959-963.
doi:10.2214/ajr.12.10033

15. Pannu, H. K., Ma, W., **Zabor, E. C.**, Moskowitz, C. S., Barakat, R. R., & Hricak, H. (2013). Enhancement of ovarian malignancy on clinical contrast enhanced MRI studies. *ISRN Obstet Gynecol*, 2013, 979345. doi:10.1155/2013/979345
16. McErlean, A., Panicek, D. M., **Zabor, E. C.**, Moskowitz, C. S., Bitar, R., Motzer, R. J., Hricak, H., & Ginsberg, M. S. (2013). Intra- and interobserver variability in CT measurements in oncology. *Radiology*, 269(2), 451-459. doi:10.1148/radiol.13122665
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Invited, Non-Peer Reviewed Articles

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Media Appearances & Coverage / Podcasts

1. **Zabor, E. C.** Presenter. "Phase III POSEIDON Clinical Trial Results." JCO Article Insights. February 27, 2023. <https://sites.libsyn.com/58526/JCO/jco-article-insights-phase-iii-poseidon-clinical-trial-results>
2. **Zabor, E. C.** Presenter. "Use of Independently-Assessed vs Investigator-Assessed DFS in the APACT Trial." JCO Article Insights. May 15, 2023. <https://sites.libsyn.com/58526/JCO/jco-article-insights-use-of-independently-assessed-vs-investigator-assessed-dfs-in-the-apact-trial>
3. **Zabor, E. C.** Podcast Presenter. "Two New Prediction Models for Risk of Venous Thromboembolism in Cancer Patients." JCO Article Insights. June 26, 2023. <https://jcopodcast.libsyn.com/jco-article-insights-two-new-prediction-models-for-risk-of-venous-thromboembolism-in-cancer-patients>
4. **Zabor, E. C.** Podcast Presenter. "Introducing The Childhood Cancer Data Initiative." JCO Article Insights. August 28, 2023. <https://jcopodcast.libsyn.com/jco-article-insights-introducing-the-childhood-cancer-data-initiative>

Software / Application Development

1. **Zabor, E. C.** and Gönen, M. (2018). *condsurv*: R package for conditional survival estimates and plots. R package version 1.0.0. <https://github.com/zabore/condsurv>.
2. **Zabor, E. C.** (2022). *riskclustr*: Functions to Study Etiologic Heterogeneity. R package version 0.4.0. <https://CRAN.R-project.org/package=riskclustr>
3. Sjoberg, D. D., Hannum, M., Whiting, K., & **Zabor, E. C.** (2020). *gtsummary*: Presentation-Ready Data Summary and Analytic Result Tables. R package version 1.3.4. <https://CRAN.R-project.org/package=gtsummary>.
4. **Zabor, E. C.**, Hobbs, B. P., Kane, M. J. (2023). *ppseq*: Design Clinical Trials using Sequential Predictive Probability Monitoring. R package version 0.2.2. <https://CRAN.R-project.org/package=ppseq>.

Letters

1. Moskowitz, C. S., **Zabor, E. C.**, & Jochelson, M. (2013). Response to the "letter to the editor" by Dr. Thomas Filleron. *Breast J*, 19(2), 227. doi:10.1111/tbj.12094
2. Teo, M. Y., Bambury, R. M., **Zabor, E. C.**, Jordan, E., Al-Ahmadie, H., Boyd, M. E., Bouvier, N., Mullane, S. A., Cha, E. K., Roper, N., Ostrovnaya, I., Hyman, D. M., Bochner, B. H., Arcila, M. E., Solit, D. B., Berger, M. F., Bajorin, D. F., Bellmunt, J., Iyer, G., & Rosenberg, J. E. (2018). Commentary on "DNA damage response and repair gene alterations are associated with improved survival in patients with platinum-treated advanced urothelial carcinoma." *Urol Oncol*, 36(7), 345-346. doi:10.1016/j.urolonc.2018.05.011
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COMMUNITY SERVICE / VOLUNTEER CONTRIBUTIONS

1. Grinnell College Alumni Association Regional Volunteer, 2020-present
2. Moms Demand Action Data Team Volunteer, 2023-present
3. Northeast Ohio Science and Engineering Fair, Special Awards Judge, 2024