

Alexandra M. Klomhaus, Ph.D.
Curriculum Vitae

BUSINESS INFORMATION

Department of Medicine Statistics Core
David Geffen School of Medicine
1100 Glendon Avenue, Suite 850
Los Angeles, CA 90024
aklomhaus@mednet.ucla.edu

EDUCATION

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| 2007-2012 | University of California, Los Angeles
<i>Bachelor of Science in Mathematics and Applied Science</i> <ul style="list-style-type: none">• Degree emphasis in the Life Science Pathway<i>Minor in Biological Anthropology</i> | Los Angeles, CA |
| 2013-2015 | University of California, Los Angeles
<i>Master of Science in Biostatistics</i> <ul style="list-style-type: none">• Thesis: “Difficulties in Emotional Regulation and Conduct Problems: A Study of Homeless Youth, PTSD, and Resiliency” | Los Angeles, CA |
| 2015-2021 | University of California, Los Angeles
<i>PhD in Biostatistics</i> <ul style="list-style-type: none">• Dissertation: “Applications of Shared Random Effects Models to Electronic Health Records Data” | Los Angeles, CA |

PROFESSIONAL EXPERIENCE

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| 2024-Present | Adjunct Assistant Professor of Biostatistics:
Department of Biostatistics,
Fielding School of Public Health, UCLA | Los Angeles, CA |
| | <ul style="list-style-type: none">• Mentor and advise M.S. and Ph.D. students in the Department of Biostatistics, including acting as master’s report advisor.• Teach courses mandatory for Biostatistics and MDSH degree programs. | |
| 2023-Present | Adjunct Assistant Professor of Medicine:
Department of Medicine Statistics Core (DOMSTAT),
David Geffen School of Medicine, UCLA | Los Angeles, CA |
| | <ul style="list-style-type: none">• Collaborate with and provide analytical support for health sciences faculty and trainees, including study design, study feasibility and validation, statistical analysis and results dissemination for reports, presentations, grants, and manuscripts.• Provide drop-in statistical consulting through the UCLA Clinical and Translational Science Institute (CTSI) to eligible UCLA health sciences members.• Mentor and advise clinical trainees in both the MSCR program and the NCSP program on research and statistical methods. | |

- Teach courses mandatory for MSCR and NCSP degree programs.

2021-2023	Senior Statistician: Department of Medicine Statistics Core (DOMSTAT), David Geffen School of Medicine, UCLA Los Angeles, CA • Collaborate with and provide analytical support for health sciences faculty and trainees, including study design, study feasibility and validation, statistical analysis and results dissemination for reports, presentations, grants, and manuscripts. • Provide drop-in statistical consulting through the UCLA Clinical and Translational Science Institute (CTSI) to eligible UCLA health sciences members.
2016-2020	Graduate Student Researcher: Jane and Terry Semel Institute for Neuroscience & Human Behavior, Semel Institute Biostatistics Core (SISTAT), UCLA Los Angeles, CA • Provide analytical support for the Semel Institute at UCLA, with an emphasis on programs in adolescent depression and self-harm. • Coordinate analytical strategies and program evaluation with clinical co-investigators. • Evaluate longitudinal data from a variety of study designs, including family interventions and RCTs.
2013-2021	Graduate Student Researcher: UCLA Nathanson Family Resilience Center (FOCUS Headquarters), Division of Population Behavioral Health, Jane and Terry Semel Institute for Neuroscience & Human Behavior Los Angeles, CA • Provide analytical support for Behavioral Health Associates (BHA), with methods focused on integrating and evaluating behavioral health and primary care data obtained from electronic medical records. • Coordinate and perform data analysis and program evaluations for community-, school-, and family-based interventions, including pre- and post-interventional data. • Collaborate with co-investigators from multidisciplinary to formulate research plans, develop analytical strategies, and communicate statistical results for reports, presentations, and manuscripts. • Review community-, school-, and family-based survey questions and design for potential information collection errors to ensure the highest level of data quality and data integrity. • Update, edit, and check information and results presented in monthly and yearly reports distributed to funders to ensure the continuation of existing and development of new funding streams.
Fall 2013	Staff Research Associate: Los Angeles Biomedical Research Institute Torrance, CA • Consulted as a high-throughput genotyping research associate at the Institute for Translational Genomics and Population Sciences. • Performed genotype clustering and allele-calling optimization accounting for ethnic-specific patterns. • Developed and distributed quality control filtering mechanisms to more efficiently and consistently clean large-scale genotyping data.
2010-2013	Lab Assistant: Medical Genetics, Cedars Sinai Los Angeles, CA

- Performed genotype, sample, and SNP quality control as well as DNA-sample database creation and management for multiple study cohorts.
- Managed and evaluated large-scale genotyping data, including Genome-Wide Association Studies, with data analysis using *R* and PLINK.
- Performed genotype clustering and optimization of allele-calling, including ethnic-specific considerations with a focus on Hispanic-American and African-American studies.
- Gained extensive experience with Illumina genotyping platform, Illumina Infinium technology, and Illumina GenomeStudio software.

- Summer 2010 Stipend Student:
Medical Genetics, Cedars Sinai Los Angeles, CA
- Completed genotype quality control and data analysis in *R* and PLINK.
 - Specifically performed SNP-Ratio Tests to identify statistically relevant SNPs correlated with disease types and related symptoms, with a focus on Ulcerative Colitis and Crohn's Disease.
- 2009-2012 Volunteer Research Assistant:
UCLA Los Angeles, CA
- Analyzed eye-tracking data, obtained from fMRI, scans to determine psychiatric and neurological significance of eye-movement patterns in patients with Body Dysmorphic Disorder and Anorexia Nervosa using both *R* and Microsoft Excel.
 - Lead collaborative efforts to identify and determine significance of correlations between specific symptoms and eye-tracking data, including the relationship between disorder-type and overall trends in eye-movements and visual fixation patterns.

PROFESSIONAL ACTIVITIES

COMMITTEE SERVICE

- 2018-2019 Board Member, UCLA Fielding School of Public Health,
Alumni Fundraising Committee Los Angeles, CA
- Organize alumni outreach and fundraising events, and work to engage recent alumni and small-gift donors for UCLA Fielding School of Public Health
- 2019-Present Executive Board Member, UCLA Fielding School of Public Health,
Alumni Association Los Angeles, CA
- Executive board member and chair of the fundraising committee as of June 2023
 - Facilitate connections between FSPH and alumni through personal and professional networks, as well as volunteer activities and direct support
 - Strengthen and promote visibility of FSPH and public health in the community
- 2022-Present Member, Health AI Council Subcommittee, UCLA Los Angeles, CA
CTSI Biostatistics Core Representative
- Consider and evaluate AI/ML proposals for implementation into the UCLA health system
 - Evaluations include considerations of scope, impacted groups and bias, and model accountability and auditability to assess overall risk and performance
- 2026-Present Member, Scientific Review Committee (SRC), UCLA Los Angeles, CA
Biostatistics Reviewer

- Evaluate the scientific rigor and feasibility for non-oncology Clinical Trials for implementation at UCLA
- Act as the sole statistical reviewer on 2-8 protocols per month

2026-Present Master of Science in Clinical Research Program (MSCR) Executive Committee, UCLA Los Angeles, CA

- Meet monthly to discuss administrative topics for the MSCR program, including course scheduling and content
- Ensure adequate student progress towards degree
- Review prospective student applications

HONORS AND AWARDS

2015-2016 Departmental Teaching Assistant Award, UCLA Fielding School of Public Health
 2017 Samuel J. Tibbits Fellowship Recipient, UCLA Fielding School of Public Health
 2022 Delta Omega Honorary Society in Public Health, Elected Member, Iota Chapter
 2022 Star Award, UCLA Department of Medicine Division of GIM & HSR

LECTURES AND PRESENTATIONS

2022 UCLA CTSI Biostatistics Seminar Los Angeles, CA

- Presentation: Applications of Shared Random Effects Models to Electronic Health Records Data

TEACHING ACTIVITIES

Fall 2015 Teaching Assistant, (Biostats 200B), UCLA Fielding School of Public Health Los Angeles, CA

- Organized, led, and wrote SAS code for weekly computer-lab sessions, with an emphasis on hands-on data analysis examples and techniques.
- Lead a weekly discussion session that supplemented and expanded on materials covered by the professor during lecture.
- Coordinated instructional information with the professor, collected and graded homework assignments, and performed midterm and final exam proctoring and grading.
- Maintained the course website with updated materials, announcements, and information.

2022-Present Guest Lecturer, Introduction to Statistics and Research Methods for Health Services Research (HLT POL 202), UCLA David Geffen School of Medicine Los Angeles, CA

- Covered topics in multiple regression, including marginal estimates and model building strategies

2023-2025 Instructor, Introduction to Biostatistics (Biostats 200A), UCLA Fielding School of Public Health Los Angeles, CA

- Course instructor for this core 200-series biostatistics course, intended for graduate students in Biostatistics (and, with approval, open to graduate students in other health-research departments)
- Emphasizes an application of statistical methods to biological, medical, health sciences, and public health data and research
- Responsible for course material for two 2-hour lectures, one 1-hour computer lab, and one 1-hour discussion per week over a 10-week academic quarter

- Develop material to meet CEPH MPH/MS competencies, including the explanation of fundamental concepts of statistical analysis, the use of computational methods and statistical software, and recommendation and evaluation of different study designs
 - Topics covered include: probability, point and interval estimation, random variables and probability distributions, power and sample size, hypothesis testing and inference, and study design
- 2024-Present Instructor, Applied Regression Analysis in Medical Sciences (Biomath 266A), UCLA David Geffen School of Medicine Los Angeles, CA
- Course instructor for this course, intended for students in the Master of Science in Clinical Research Program (MSCR) in the school of medicine
 - Emphasizes applied regression, with a focus on introduction to basic theory and interpretation of results in medical and clinical research articles
 - Responsible for course material for two 1 hour and 20 minute lectures per week
 - Topics covered include: simple and multiple linear regression, simple and multiple logistic regression, model selection, and missing data
- Summer 2026 Instructor, Introduction to Statistics and Research Methods for Health Services Research (HLT POL 202), UCLA David Geffen School of Medicine Los Angeles, CA
- Course instructor for this course, intended for students in the National Clinical Scholars Program (NCSP) in the school of medicine
 - Emphasizes an introduction to biostatistics and applications of basic statistical theory and interpretation of results in medical and clinical data
 - Responsible for 10 2-hour lectures across the summer session
 - Topics covered include: descriptive statistics, probability and probability distributions, hypothesis testing and statistical inference, linear regression, non-parametric testing, sample size and power, and missing data
- Fall 2026 Instructor, Introduction to Data Management and Statistical Computing (Biostats 203A), UCLA Fielding School of Public Health Los Angeles, CA
- Course instructor for this course, intended for students in the Master of Data Science in Health (MDSH) program
 - Emphasizes an introduction to data management using statistical programming (e.g., SAS), how to apply data management and analytical techniques to clinical- and health-related data
 - Responsible for 7 2.5-hour lecture/labs and 2 8-hour lecture/labs across the academic quarter
 - Topics covered include: data management, descriptive summaries, data reporting, hypothesis testing and basic statistical inference, non-parametric methods, linear and logistic regression, mixed models, and data visualization

MENTORSHIP

- 2023 Jocelyn Lo, M.D., Protocol Committee Member, NCSP Program. Met three times over the course of three months to prepare research project and protocol presentation.
- 2023-2024 Ashley Appleton, M.D. Candidate, Quantitative Mentor, MSCR Program. Met biweekly and then weekly over the academic year to advise on research project, study design, statistical methods, statistical analysis, results presentations, and capstone presentation preparation.

2024-2025	Christopher Carvalho, M.D., Quantitative Mentor, MSCR Program. Met biweekly and then weekly over the academic year to advise on research project, study design, statistical methods, statistical analysis, results presentations, and capstone presentation preparation.
2024-2025	Abdullah Sakar, M.D., Quantitative Mentor, MSCR Program. Met biweekly and then weekly over the academic year to advise on research project, study design, statistical methods, statistical analysis, results presentations, and capstone presentation preparation.
2024-2025	Hsin Ying Tseng, M.S., Master's Report Advisor, UCLA Department of Biostatistics. Met weekly over the course of five months to advise on research project, study design, statistical methods, statistical analysis, results presentations, and master's report preparation.
2024-2026	Aaron Chin, M.D., Quantitative Mentor, MSCR Program. Met three times over the academic year to advise on research project and capstone presentation preparation.
2025-2026	Osbaldo Camargo, M.D. Candidate, Quantitative Mentor, MSCR Program. Met biweekly and then weekly over the academic year to advise on research project, study design, statistical methods, statistical analysis, results presentations, and capstone presentation preparation.
2025-2026	Hellen Jumo, M.D. Candidate, Quantitative Mentor, MSCR Program. Met biweekly and then weekly over the academic year to advise on research project, study design, statistical methods, statistical analysis, results presentations, and capstone presentation preparation.

PUBLICATIONS/BIBLIOGRAPHY

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

A. RESEARCH PAPERS – PEER REVIEWED

1. Ballester, V., Guo, X., Vendrell, R., Haritunians, T., **Klomhaus, A.M.**, Li, D., McGovern, D.P., Rotter, J.I., Torres, E.A., and Taylor, K.D. (2014). Association of NOD2 and IL23R with Inflammatory Bowel Disease in Puerto Rico. *PLoS ONE*, 9(9): e108204. doi: 10.1371/journal.pone.0108204. PMID: 25259511. PMCID: PMC4178120.
 - *Performed genotype clustering and optimization of allele-calling.*
2. Bursch, B., Lloyd, J., Mogil, C., Wijesekera, K., Miotto, K., Wu, M., Wilkinson, R., **Klomhaus, A.**, Iverson, A., Lester, P. (2017). Adaptation and Evaluation of Military Resilience Skills Training for Pediatric Residents. *Journal of Medical Education and Curricular Development*, 4: 1-7. doi: 10.1177/2382120517741298. PMID: 29349344. PMCID: PMC5736280.
 - *Provided statistical support for the project and results presented in paper, and contributed to writing the statistical methods and results sections.*
3. Jeffrey, J., Hajal, N., **Klomhaus, A.**, Marlotte, L., Lester, P. (2019). The Use of Behavioral Health Rating Scales for Primary Care Providers. *Mental Health and Family Medicine*, 15: 884-892.
 - *Performed research on rating scales, including evaluation of psychometric properties, and helped write the paper.*
4. Babeva, K. N., **Klomhaus, A. M.**, Sugar, C. A., Fitzpatrick, O., & Asarnow, J. R. (2020). Adolescent suicide attempt prevention: Predictors of response to a cognitive-behavioral family and youth centered intervention. *Suicide and Life-Threatening Behavior*, 50(1): 56-71. doi: 10.1111/sltb.12573. PMID: 31350782. PMCID: PMC6982579.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
5. Asarnow, J.R., Tompson, M.C., **Klomhaus, A.M.**, Babeva, K., Langer, D.A., & Sugar, C. (2020). Randomized Controlled Trial of Family-Focused Treatment for Child Depression Compared to Individual Psychotherapy: One Year Outcomes. *The Journal of Child Psychology and Psychiatry*, 61(6): 662-671. doi: 10.1111/jcpp.13162. PMID: 31840263. PMCID: PMC7242159.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
6. Jeffrey, J., **Klomhaus, A.**, Enenbach, M., Lester, P., Krishna, R. (2020). Self-Report Rating Scales to Guide Measurement-Based Care in Child and Adolescent Psychiatry. *Child and Adolescent Psychiatric Clinics of North America*, 29(4): 601-629. doi: 10.1016/j.chc.2020.06.002. PMID: 32891365.
 - *Performed research on rating scales, including evaluation of psychometric properties, and helped write the paper.*
7. Milburn, N., **Klomhaus, A.M.**, Comulada, W.S., Lopez, S.A., Bath, E., Amani, B., Jackson, J., Lee, A., Kim, B.K.E., & Rice, E. (2020). Reconnecting homeless adolescents and their families:

- Correlates of participation in a family-based intervention. *Prevention Science*, 21(8): 1048-1058. doi: 10.1007/s11121-020-01157-9. PMID: 32857298. PMCID: PMC7577401.
- *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
8. Jeffrey, J., **Klomhaus, A.**, Aralis, H., Barrera, W., Rosenberg, S., Grossman, M., & Lester, P. (2021). Factors associated with response and remission from depression at 6-months of treatment in a retrospective cohort treated within an integrated care program. *BMC Health Services Research*, 21(1): 1-13. doi: 10.1186/s12913-021-06729-1. PMID: 34271912. PMCID: PMC8285801.
 - *Developed methods of using available EHR to effectively answer the proposed questions. Additionally, provided statistical support for the project and results presented in the paper, and wrote the statistical methods and results sections.*
 9. Ijadi Maghsoodi, R., Venegas-Murillo, A., **Klomhaus, A.**, Aralis, H., Lee, K., Rahmanian Koushkaki, S., Lester, P., Escudero, P., and Kataoka, S. (2022). The Role of Resilience and Gender: Understanding the Relationship between Risk for Traumatic Stress, Resilience, and Academic Outcomes Among Minoritized Youth. *Psychological Trauma: Theory, Research, Practice and Policy*, 14 (S1): S82-S90. doi: 10.1037/tra0001161. PMID: 34990149. PMCID: PMC10470861.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
 10. Pieterse, D., Kim, B. K., **Klomhaus, A.**, Comulada, W. S., López, S. A., Bath, E., Amani, B., Myers, B., Semaan, A., and Milburn, N. G. (2022). PTSD Among Families of Juvenile Justice-Involved Youth: Relation to Mental, Emotional, and Behavioral Health Problems. *Journal of Child and Family Studies*, 31: 1947-1956. doi: 10.1007/s10826-022-02302-4.
 - *Helped develop research questions associated with this paper. Additionally, provided statistical support for the project and results presented in the paper, and wrote the statistical methods and results sections.*
 11. Orozco, J.I.J., Le, J., Ensenyat-Mendez, M., Baker, J.L., Weidhaas, J., **Klomhaus, A.**, Marzese, D.M., DiNome, M.L. (2022). Machine Learning-Based Epigenetic Classifiers for Axillary Staging of Patients with ER-Positive Early-Stage Breast Cancer. Advanced online publication. *Annals of Surgical Oncology*, 29(10): 6407-6414. doi: 10.1245/s10434-022-12143-6. PMID: 35842534. PMCID: PMC10413094.
 - *Provided statistical support for the project and results presented in the paper.*
 12. Tang, J.P., Peters, C.W., Quiros, C., Wang, X., **Klomhaus, A.M.**, Yamada, R.E., Timmerman, J.M., Moore, T.B., Nowicki, T.S. (2022). Hypophosphatemia due to increased effector cell metabolic activity is associated with neurotoxicity symptoms in CD19-targeted CAR T-cell therapy. *Cancer Immunology Research*, 82: 2760-2780. doi: 10.1158/2326-6066.CIR-22-0418. PMID: 36259217. PMCID: PMC9722515.
 - *Provided statistical support for the project and results presented in the paper.*
 13. Francoeur, A.A., Furey, K.B., Ramirez, J., **Klomhaus, A.M.**, Holschneider, C., Garcia, L.M. (2023). Recurrent High-Grade Squamous Intraepithelial Lesion After Loop Excision Procedure Versus Loop Procedure With Top Hat. (2023). *Journal of Lower Genital Tract Disease*, 27(3): 193-197. doi: 10.1097/LGT.0000000000000755. PMID: 37285236.

- *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
14. Edgcomb, J.B., Tseng, C., Pan, M., **Klomhaus, A.**, Zima, B. (2023). Assessing Detection of Children With Suicide-Related Emergencies: Evaluation and Development of Computable Phenotyping Approaches. *JMIR Mental Health*. 10: e47084. doi: 10.2196/47084. PMID: 37477974. PMCID: PMC10403798.
 - *Provided statistical consulting for methodology and results presented in the paper.*
 15. Burton, C.H., van Zuilen, M.H., Primbas, A., Young, M.E., Swartz, K., Colburn, J., Kumar, C., **Klomhaus, A.**, Chippendale, R., Streed, C.G. (2023). Sexual and Gender Minority Health-Related Content in Geriatric Medicine Fellowships. *Journal of the American Geriatrics Society*. doi: 10.1111/jgs.18563. PMID: 37710405. PMCID: PMC11642707.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
 16. Srivastava, P.K., **Klomhaus, A.M.**, Tehrani, D.M., Fonarow, G.C., Ziaieian, B., Desai, P.S., Rafique, a., de Lemos, J., Parikh, R.V., Yang, E. (2023). Impact of Age and Variant Time-Period on Management and Outcomes of Hospitalized COVID-19 Patients. *Mayo Clinic Proceedings: Innovations, Quality, & Outcomes*, 7(5): 411-429. doi: 10.1016/j.mayocpiqo.2023.07.004.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
 17. Edgcomb, J.B., Tseng, C.H., Pan, M., **Klomhaus, A.**, Zima, B. (2023). Detection of Suicidal Behavior and Self-harm Among Children Presenting to Emergency Departments: A Tree-based Classification Approach. *AMIA Joint Summits Translational Science Proceedings*, 108-117. PMID: 37350874. PMCID: PMC10283119.
 - *Provided statistical consulting for methodology and results presented in the paper.*
 18. Floyd James, K., **Klomhaus, A.M.**, Elliott, T., Mensah, M., Jeffers, K.S., Choi, K. (2023). Structural Factors in Health Care Associated with the Mental Health Needs of Black Women In California During the Perinatal Period. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 52(6): 481-490. doi: 10.1016/j.jogn.2023.08.002. PMID: 37634545.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
 19. Kuklinski, L.F., **Klomhaus, A.M.**, Shen, S-I., Achamallah, N., Soriano, T.T., Saggat, R., Weigt, S.S. (2023). Posaconazole and risk of cutaneous squamous cell carcinoma after lung transplantation: a single institution, retrospective cohort study. *Archives of Dermatological Research*, 315: 2643-2646. doi: [10.1007/s00403-023-02699-y](https://doi.org/10.1007/s00403-023-02699-y). PMID: 37558828.
 - *Provided statistical support for the project and results presented in the paper, and wrote the statistical methods and results sections.*
 20. Marlotte, L., **Klomhaus, A.**, Ijadi Maghsoodi, R., Aralis, H., Lester, Pl, Griffin Esperon, K., Kataoka, S. (2023). Implementing Depression Care in Under-Resourced Communities: A School-Based Family Resilience Skill-Building Pilot Randomized Controlled Trial in the United States. *Frontiers in Psychology*, 14. doi: 10.3389/fpsyg.2023.1233901. PMID: 37790229. PMCID: PMC10542892.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*

21. Thomas, E., **Klomhaus, A.M.**, Laster, M.L., Furth, S.L., Warady, B.A., Salusky, I.B., Hanudel, M.R. (2023). Associations between anemia and FGF23 in the CKiD study. *Pediatric Nephrology*, doi: 10.1007/s00467-023-06160-0. PMID: 37752381. PMCID: PMC10817837.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
22. Nowicki, T.S., Peters, C.Q., Quiros, C., Kidd, C.K., Kawakami, M., **Klomhaus, A.M.**, Baselga-Carretero, I., Kaplan-Lefko, P., Macabali, M.H., Garcilazo, I.P., Berent-Maoz, B., Comin-Anduix, B., Ribas, A. (2023). Infusion Project TNF α , Th2, and STAT3 Activities Are Associated with Clinical Responses to Transgenic T-cell Receptor Cell Therapy. *Cancer Immunology Research*, doi: 10.1158/2326-6066.CIR-23-0577. PMID: 37871333. PMCID: PMC10702871.
 - *Provided statistical support and statistical consultation.*
23. Shavelle, D.M., Bosson, N., French, W.J., Thomas, J.L., Niemann, J.T., Gausche-Hill, M., Rollman, J.E., Rafique, A.M., **Klomhaus, A.M.**, Kloner, R.A. (2024). Effect of the COVID-19 Pandemic on Treatment Times for ST-Elevation Myocardial Infarction: Observations from the Los Angeles County Regional System. *American Journal of Cardiology*, 213: 93-98. doi: 10.1016/j.amjcard.2023.11.035. PMID: 38016494.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
24. Shitanishi, L., Fan, A., Khu, T. Vucicevic, D., Kamath, M., Hsu, J., **Klomhaus, A.**, Ardehali, R. (2024). Direct Oral Anticoagulants Versus Warfarin in Adult Heart Transplant Recipients. *JHLT Open*, 4. doi: 10.1016/j.jhlto.2024.100061. PMID: 40144236. PMCID: PMC11935520.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
25. Chimatapu, S.N., Sethuram, S., Samuels, J.G., **Klomhaus, A.**, Mintz, C., Savage, M.O., Rapaport, R. (2024). Evolving Growth Hormone Deficiency (EGHD): Proof of Concept. *Frontiers in Endocrinology*, 15. doi: 10.3389/fendo.2024.1398171. PMID: 38752175. PMCID: PMC11095394.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
26. Castellon-Lopez, Y., **Klomhaus, A.M.**, Garcia, C., Marquez, D., Avila, H., Gravette, H., Lopez-Chang, R., Ortega, B., Norris, K.C., Brown, A.F., Blanco, L. (2024). MivacunaLa (myshotLA): A Community-Partnered Mobile Phone Intervention to Improve COVID-19 Vaccination Behaviors among Low-Income, Spanish-Speaking, and Immigrant Latino Parents or Caregivers. *Vaccines*, 12(5): 511. doi: 10.3390/vaccines12050511. PMID: 38793762. PMCID: PMC11125729.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
27. Srivastava, P.K., **Klomhaus, A.M.**, Rafique, A., Desai, P.S., Daniels, L.B., Yancy, C.W., Yang, E.H., Fonarow, G.C., Parikh, R.V. (2024). Guideline-directed medical therapy prescribing patterns and in-hospital outcomes among heart failure patients during COVID-19. *American Heart Journal Plus: Cardiology Research and Practice*, 45. doi: 10.1016/j.ahjo.2024.100440. PMID: 39220717. PMCID: PMC11363726.

28. Shahandeh, N., Kim, J., **Klomhaus, A.M.**, Tehrani, D., Hsu, J.J., Nsair, A., Khush, K.K., Fearon, W.F., Parikh, R.V. Comparison of Cardiac Allograft Vasculopathy Incidence Between Simultaneous Multi-Organ and Isolated Heart Transplant Recipients in the United States. *J Heart Lung Transplant*. 2024 Oct;43(10):1737-1746 doi: [10.1016/j.healun.2024.06.014](https://doi.org/10.1016/j.healun.2024.06.014). PMID: 38950666.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
29. Greig, D., Sun, C., McBride, D., Young, B., **Klomhaus, A.**, Swaroop, V., Thompson, R. (2024). Efficacy of a Multimodal Surgical Site Injection for Postoperative Pain Control in Pediatric Patients with Cerebral Palsy Undergoing Hip Reconstruction: A Randomized Controlled Trial. *J Pediatr Orthop*. 2024 Nov-Dec;44(10):e921-e928. doi: 10.1097/BPO.0000000000002779. PMID: 39140418.
 - *Provided statistical support for the project and results presented in the paper*
30. Bransky, N.P., Walling, A.M., **Klomhaus, A.M.**, Glaspy, J.A., Garcia-Jimenez, M.D. (2024). Racial/ethnic disparities in oncology clinical trial participation: Investigator attitudes, needs, and motivation to improve. *JCO Oncology Practice*. doi:[10.1200/OP-24-00544](https://doi.org/10.1200/OP-24-00544). PMID:39602654.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
31. Srivastava, P.K., **Klomhaus, A.M.**, Greene, S.J., Heidenreich, P., Lewsey, S.C., Yancy, C.W., Fonarow, G.C. (2024). Angiotensin Receptor-Neprilysin Inhibitor Prescribing Patterns in Patients Hospitalized for Heart Failure. *JAMA Cardiology*. doi:10.1001/jamacardio.2024.3815. PMID: 39661383. PMCID: PMC11904728.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
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B. RESEARCH PAPERS – PEER REVIEWED (IN PRESS)

1. Blanco, L.R., **Klomhaus, A.**, Dudovitz, R. Castellon-Lopez, Y. Digital Intervention (MiVacunaLA 2.0) to Promote COVID-19 Vaccine acceptance Among Hispanic Children: Community-Based Randomized Controlled Trial. *Journal Of Medical Internet Research*.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
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2. D'Oro, A., Tehrani, D., **Klomhaus, A.**, Kim, J.S., Assi, A., Honda, Y., Khush, K.K., Fearon, W.F., Nsair, A., Fonarow, G.C., Sallam, T. Parikh, R. Lipoprotein(a), ApolipoproteinB, and Post-heart Transplantation Cardiac Allograft Vasculopathy.
 - *Provided statistical consulting for methodology and results presented in the paper.*

C. RESEARCH PAPERS – PEER REVIEWED (SUBMITTED)

1. Gotanda, H., Mangione, C., Narain, K., Imanishi, Y., Saliba, D., Walling, A., Rotenstein, L., **Klomhaus, A.**, Ma, M., Li, R., Tsugawa, Y. Physician sex and end-of-life care processes and outcomes among older Americans: an instrumental variable analysis.
 - *Provided statistical consulting for methodology and results presented in the paper.*
2. Pollard-Wright, H., Klomhaus, A. The Cingulate–Mitochondrial–Resonance Axis: A Conceptual Framework Integrating Rehabilitation, Interoception, and Affective–Motor Processing in Canine Chronic Pain.
 - *Provided statistical consulting for methodology and results presented in the paper.*
3. Zuchowski, K.A., Fu, K., Sgambato, D, Klomhaus, A.M., Santini, V.E. Neurology Fellowship Transition to Practice Curriculum – a Needs Assessment.
 - *Provided statistical support for the project and results presented in the paper, and contributed to writing the statistical methods and results sections.*
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5. Brownell, N.K., **Klomhaus, A.**, Inkelas, M., Lewsey, S., Yancy, C., Jhund, P., Ziaieian, B., Hsue, P., Fonarow, G.C. Social Vulnerability Index and Heart Failure Quality Among Patients Hospitalized for Heart Failure with Reduced Ejection Fraction.
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6. Castillo Jr., O., Sekhon, H., **Klomhaus, A.M.**, Kamath, M. Association of Social Vulnerability and Psychosocial Risk With Healthcare Utilization Post-Heart Transplant.
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7. Razmjou, A. A., Mengwasser, K.E., **Klomhaus, A.**, Guo, R., Anderson, A., Kellner, D., Bruno, P.M., Fitzgerald, J.F., Weisman, M.H. HLA-B Allelic Diversity and a Novel Peptide-Binding Motif Association of HLA-B7/B51 in Behçet's Disease in a Diverse United States Cohort.
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8. Carvalho, C., **Klomhaus, A.**, Kim, J., Nsair, A., Hsu, J., Shahandeh, N., Parikh, R. Donor Hepatitis C Status and Cardiac Allograft Vasculopathy Among Isolated heart Transplant Recipients in the United States.
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10. Ariani, R.T., Wu, T., Farrell, M., Lauria, M., Neylon, J., Cao, M., Raldow, A.C., Kishan, A.U., **Klomhaus, A.**, McCloskey, S., Weidhaas, J., Steinberg, M.L., Deng, J. Standardizing Research Training in Radiation Oncology Residency Through The "How To" Peer-Led Curriculum.
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11. Woolridge, T.S., Igwe, P.K., **Klomhaus, A.M.**, Nattiv, A. The Impact of Name, Image, and Likeness (NIL). On Collegiate Athlete Mental Health and Wellbeing: A Cross-Sectional Survey.
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12. Edgcomb, J., Saha, A. **Klomhaus, A.M.**, Tascione, E., Ponce, C., Lee, J., Tacorda, T., Zima, B.T. Modal Learning of clinical Records to Pediatric Emergency Care for Suicide and Self-harm.
 - *Provided statistical consulting for methodology and results presented in the paper.*
13. Gilday, J., Goon, M., Gelbach, D., **Klomhaus, A.**, Miller, E.M., Goldman, J. Epidemiology of Hip, Thigh, and Knee Injuries in NCAA Division I Soccer: A Six-Year Analysis From the PAC-12 Health Analytics Program.
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14. Peters, C.W., Cardenas, M.V., Kawakami, M., Nguyen, J., Chen, D., Kidd, C.K., Flores, A., Peluso, E.M., Dinh, A., Ma, S., Rezek, V., **Klomhaus, A.M.**, Kitchen, S., Campbell, K., Lechner, M.G., Nowicki, T.S. Antigen-restricted TNF- α enhances engineered T cell therapy in cancer.
 - *Provided statistical consulting for methodology and results presented in the paper.*

D. RESEARCH PAPERS – NON-PEER REVIEWED

1. Bravo-James, K., Wu, X., Reardon, L.C., Lluri, G., Lin, J.P., Moore, J.P., Arsdell, G.V., Biniwale, R., Si, M-S., Naini, B.V., Venick, R., Saab, S., Wray, C.L., Ponder, R., Rosenthal, C., **Klomhaus, A.**, Bostrom, K.I., Aboulhosn, J.A., Kaldas, F.M. (2023). Intrahepatic transcriptomics differentiate advanced fibrosis and clinical outcomes in adults with the Fontan circulation. doi: 10.1101/2023.06.05.23290997. PMID: 37333414. PMCID: PMC10274997.
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2. RESEARCH PAPERS – NON-PEER REVIEWED (IN PRESS)
NONE
3. RESEARCH PAPERS – NON-PEER REVIEWED (SUBMITTED)
NONE

CHAPTERS

NONE

CHAPTERS (IN PRESS)

NONE

LETTERS TO THE EDITOR

NONE

REVIEWS

NONE

EDITORIALS

NONE

PAPERS IN PREPARATION (RESEARCH COMPLETED)

1. **Klomhaus, A.M.**, Aralis, H., Sugar, C.A., Barrera, W., Lester, P. , Grossman, M. & Jeffrey, J. Addressing Informative Observation Times and Dependent Termination in Electronic Health Records Data.

ABSTRACT/POSTER PRESENTATIONS

1. Feusner, J., Moody, T., Bohon, C., Arienzo, D., **Klomhaus, A.**, Mason, K., Strober, M. “Visual Processing in Anorexia Nervosa and Body Dysmorphic Disorder”. Presented Abstract and Poster at the American College of Neuropsychopharmacology (49th Annual Meeting), Miami Beach, FL, 2010.
2. Feusner, J., **Klomhaus, A.**, Moller, H., Bohon, C., Arienzo, D., Madsen, S., Moody, T. “Neural Correlates of Eye Fixation Duration for Viewing Bodies in Body Dysmorphic Disorder”. Presented Abstract and Poster at the Organization for Human Brain Mapping, Quebec City, Canada, 2011.

3. Ballester, V., Vendrell, R., Haritunians, T., **Klomhaus, A.**, McGovern, D.P.B., Rotter, J.I., Taylor, K.D., Torres, E.A. "Genetics of Inflammatory Bowel Disease in Puerto Rico". Accepted Abstract at Digestive Disease Week (Annual Meeting of the American Gastroenterological Society), San Diego, CA, 2012.
4. **Klomhaus, A.**, Zai, A., Arienzo, D., Bohon, C., Li, W., Hellemann, G., and Feusner, J. "Comparison of Visual Scanning Patterns in Body Dysmorphic Disorder and Anorexia Nervosa". Presented Poster, International OCD Conference, Chicago, IL, 2012.
5. Ballester, V., Vendrell, R., Haritunians, T., **Klomhaus, A.**, Guo, X., McGovern, D.P., Rotter, J.I., Torres, E.A., Taylor, K.D. "Su1761 A Baz1a Haplotype with Ancient American Ancestry Contributes to IBD in Puerto Ricans" (2013). Abstract, *Gastroenterology*, 144(5): S-470.
6. **Klomhaus, A.**, Zai, A., Arienzo, D., Bohon, C., Li, W., Hellemann, G., Strober, M., Portnoff, L., and Feusner, J. "Abnormal Visual Scanning Patterns in Body Dysmorphic Disorder and Anorexia Nervosa". Presented Poster, Academy for Eating Disorders Conference, Montreal, Quebec, Canada, 2013.
7. Lopez, S.A., Mizel, M.L., **Klomhaus, A.**, Comulada, S., Bath, E., Amani, B., and Milburn, N.G. "Emotional Regulation, Conduct Problems and Resilience Among Newly Homeless Youth with Trauma Symptoms: The role of individual, familial, and communal factors". Presented Poster, American Psychological Association Convention, Toronto, Canada, 2015.
8. Jackson, J., Lopez, S., **Klomhaus, A.**, Comulada, S., Bath, E., Amani, B., Young-Brinn, A., Milburn, N. "An Exploratory Study of the Relationship Between Parental Bonding and Problem Behavior Among Re-entry Youth". Presented Poster, American Academy of Child and Adolescent Psychiatry Annual Meeting, New York, New York, 2016.
9. **Klomhaus, A.**, Comulada, W.S., Lopez, S., Amani, B., Bath, E., Milburn, N. "Safer Sexual Intentions Among Re-Entry Youth: The Protective Role of Maternal Attachment". Presented Poster, American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, 2017.
10. Milburn, N.G., **Klomhaus, A.** "Homelessness Experiences among Juvenile Justice Involved Youth: Preliminary Findings". Presentation, HPRI Ignite, 2018.
11. Asarnow, J.R., Tompson, M.C., **Klomhaus, A.**, Babeva, K., Sugar, C. "Depression in Childhood: One Year Outcomes of Family Versus Individual Treatment". Presentation, American Academy of Child & Adolescent Psychiatry Annual Meeting, Seattle, Washington, 2018.
12. Marlotte, L., Kataoka, S., Aralis, H., **Klomhaus, A.**, & Lester, P. "Families OverComing Under Stress (FOCUS) for Depression: Adaptation, Implementation, and Outcomes of an RCT With Low-Income Minority Adolescents With Depression and Their Parents." In *66th Annual Meeting. AACAP*, 2019.
13. **Klomhaus, A.**, Aralis, H., Sugar, C.A., Jeffrey, J., Grossman, M., & Lester, P. "Addressing Informative Observation Times and Dependent Censoring in Electronic Health Records Data". Presented Poster, Joint Statistical Meeting, Philadelphia, Pennsylvania, 2020.

14. Thomas, E., Laster, M., **Klomhaus, A.M.**, Furth, S.L., Warardy, B.A., Salusky, I., Hanudel, M. "Anemia, Iron. Deficiency. And. FGF23 in CKiD Study". Presented Poster, PAS, Denver, Colorado, 2022.
15. Duru, O.K., **Klomhaus, A.M.**, Mangione, C., Moin, T. "137-LB: Unmet Social Needs and Uptake of Recommended Diabetes Processes of Care in a High-Need, High-Cost Medicaid Population". *Diabetes*, 71(Supplement 1), 2022.
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