

CONTACT INFORMATION	1335 Madera Ave, Menlo Park, CA 94025 USA ericjdaza@gmail.com (510)552-4151	ericjdaza.com statsof1.org linktr.ee linkedin.com/in/ericjdaza
EDUCATION	Postdoctoral Fellowship Stanford Prevention Research Center 2015–2018 DrPH – Biostatistics The University of North Carolina at Chapel Hill 2007–2015 MPS – Applied Statistics Cornell University 2001–2002 BA – Neurobiology & Behavior, Cognitive Studies Cornell University 1996–2000	
INDUSTRY EXPERIENCE	<ul style="list-style-type: none">• Evidation, San Mateo, CA. <i>Lead Biostatistician (Data Science)</i>. Jun 2020 – present. Write/review/validate RCT/RWE SAPs (randomization, power, sample size), TLF specs, study protocols, CRFs. Teach/apply causal inference, post-stratification, survey sampling, mixed effects, time series, missing data analysis. Create XFT processes/templates, SOPs, code/operational workflows. Analyze PROs, wearables/sensor data. Write/review code, dataset specs. Deliver reports. Projects: 24 industry, 4 research, 3 mentoring, 5 operations. Clients: 13 pharma/device, 4 digital health, 3 academic, 2 internal. 56 stats consults, 29 clients. 4 papers (1 pub), 2 talks. Led XFTs on 2 ops initiatives (DEI, QA/QC). Supervised 4 PhD analysts. Mentored 1 PhD student, 8 undergrads (2 teams).• Stats-of-1, Palo Alto, CA. <i>Founder, Blogger, Podcaster</i>. Feb 2020 – present. Leads health innovation newsletter. 4 papers, 19 talks (Brown, Harvard, Hopkins, Stanford), 4 scicomm (Forbes, Fortune). Directs 2 coeditors. Mentors 1 PhD student.• Consulting, Menlo Park, CA. <i>Contract Statistician</i>. May 2018 – present. Write/validate SAPs, study protocols. Teach/apply statistical methods (see examples above). Advise on data visualizations. Conduct analyses. Write/review code, dataset specs. Deliver reports. Projects: 6 industry. Clients: 1 pharma, 4 digital health. Supervised 2 analysts.• Clarify Health, San Francisco, CA. <i>Senior Statistician</i>. Oct 2018 – Mar 2020 (1.5y). Modeled CMS metrics/outcomes with claims (Medicare, case-mix) and SDoH commercial data using machine learning (regularized GLM, random forests) for admission/readmission risk, total cost of care, hospital length-of-stay. Conducted RWE cost analysis with multiple imputation. Assessed data quality missingness, measurement error, selection bias, data versioning. Taught/applied survey sampling, standardization, imputation. Wrote/reviewed code. Delivered reports.• Rho, Inc., Chapel Hill, NC. <i>Graduate Research Assistant</i>. Sep 2007 – Jul 2009 (2y). Created/validated reports, datasets, TLFs. Maintained analysis/code validation documentation. Conducted analyses. Wrote/reviewed code, dataset specs. Delivered reports.• Astex, Pleasanton, CA. <i>SAS Programmer, Biostatistician</i>. Sep 2002 – Aug 2007 (5y). Supported Phase II, III oncology clinical trials, managed clinical data, wrote/revised TLFs and SOPs, enforced GCP standards. Kept current on FDA guidelines and CDISC. Conducted analyses. Wrote/reviewed code, dataset specs. Delivered reports.	
NEWS AND MEDIA	<ul style="list-style-type: none">• The Power of Biostatistics: Eric J. Daza Holds the Key to Evolving the Healthcare Industry. <i>This is Statistics, American Statistical Association</i>, 2023.• 10 innovators shaping the future of health: Leader: Eric J. Daza, creator of Stats-of-1. <i>Fortune</i>, 2022.• 16 Healthcare Innovators That You Should Know: Eric J. Daza. <i>Forbes</i>, 2022.• How A ‘Secret Asian Man’ Embraced Anti-Racism. <i>LAist</i>, 2020.• A Statistical New World. <i>American Statistical Association</i>, 2011.	
TECHNICAL SKILLS	Analysis: causal inference, n-of-1/single-subject methods, longitudinal/panel analysis, missing data, selection bias (attrition, censoring, truncation), GEE, mixed-effects models, Bayesian inference, survey sampling, time series, survival analysis, random forests, elastic net, principal components analysis, multinomial classification, association rule mining. Coding: R, RStudio, Jupyter, Databricks, Domino, Github, SQL, Snowflake, DBeaver, AWS (Athena, EMR, S3, EC2), Spark (Sparklyr, PySpark), Atlassian (Confluence, Jira), Python, Stata, SAS, SUDAAN, Mplus.	

ACADEMIC
EXPERIENCE

- **Stanford Prevention Research Center (SPRC)**, Stanford University, Stanford, CA. *Postdoctoral Research Fellow*. Oct 2015 – Sep 2018. (Mentor: Michael Baiocchi, PhD.) *Study Biostatistician*. Jul 2016 – Sep 2018. (PI: Judith Prochaska, PhD.)
- **Carolina Population Center (CPC)**, UNC Chapel Hill, Chapel Hill, NC. *Graduate Research Assistant / Data Programmer & Biostatistician*. May 2010 – Sep 2015.
- **Survey Research Unit (SRU)**, UNC Chapel Hill, Chapel Hill, NC. *Research Assistant*. Jun 2009 – Jun 2010. (Advisor: William Kalsbeek, PhD)
- **Papers, Presentations/Posters, Projects, Media Coverage**. 18 papers (16 published); 24 presentations; 7 news and media; 29 other publications, posts, interviews, science communication. See ericjdaza.com for details.

HONORS,
AWARDS,
GRANTS

- **Young Investigator Award**. 2018 Sage Assembly: Algorithms and the Role of the Individual. 19–21 Apr 2018.
- **Pilot Project Award**. Improving personalized medicine through n-of-1 causal inference and predictive modeling (N1CPM). Stanford Spectrum Pilot Grant. 1 May 2017–30 Apr 2018. \$26,000. (Principal Investigator)

MEMBERSHIPS
AND
AFFILIATIONS

American Statistical Association (ASA). ASA Justice, Equity, Diversity, and Inclusion (JEDI) Outreach Group Professional Development Committee (Chair and Member). International Collaborative Network for N-of-1 Clinical Trials and Single-Case Experimental Designs (Expert Member). Society for Causal Inference. American Public Health Association. American Association for the Advancement of Science. Sage Bionetworks. Quantified Self. Open Humans. Health Data Exploration Network. Filipinx Americans in Science Technology Engineering Arts Math (FASTER). Filipinx in Tech.

OTHER SKILLS,
INTERESTS

Musical Performance, Composition, & Production: Piano (40 years), electric bass (20 years), certified concert pianist, vocal performance & production for “A Statistical New World”. **Student Theatre:** Technical & production work, acting, and administration & management (6 years). **Physical Activity:** Rock climbing (14 years), Krav Maga (1 year). **Languages:** Tagalog/Filipino (native), Spanish (beginner/intermediate).

PROFESSIONAL
REFERENCES

Hilary Placzek, PhD, MPH (hplaczek@gmail.com)	manager (Clarify)
Volodymyr Serhiyenko, PhD (volodymyr.serhiyenko@gmail.com)	colleague (Clarify)
Lorene Nelson, PhD (lnelson@stanford.edu)	co-PI (N1CPM)
Michael Baiocchi, PhD (baiocchi@stanford.edu)	mentor (SPRC)
Michael G. Hudgens, PhD (mhudgens@email.unc.edu)	diss. advisor (UNC)
Amy H. Herring, ScD (amy.herring@duke.edu)	diss. co-advisor (UNC)
Valerie Flax, PhD (flax@unc.edu)	collaborator (CPC)
Patrick J. Smith, PhD, MPH (smith562@mc.duke.edu)	colleague (UNC)