

Charisma Y. Atkins, DrPH, MPH

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Senior epidemiologist and RWE scientist with extensive experience leading and contributing to real-world research initiatives that inform clinical strategy, regulatory engagement, and market access decisions. Proven expertise in study design and methodology development, structured literature reviews, qualitative and quantitative data analysis, and delivering project outputs that meet established quality standards, timelines, and budget requirements. Proven track record of presenting research findings to external clients, developing protocols, technical reports, and peer-review manuscripts, and formatting materials using PowerPoint, Word, and Excel. Committed to leveraging emerging technologies — including AI-enabled tools — to improve efficiency, analytical rigor, and personal productivity.

CORE COMPETENCIES

Real-World Research (Claims EHR, Registry) | Clinical Strategy & Regulatory Engagement Support | Market Access Analytics | Study Design & Methodology Development | Structured Literature Reviews & Targeted Secondary Research | Qualitative Research & Patient Interviews | Client Presentations & Workshop Facilitation (PowerPoint, Word & Excel) | Statistical Analysis (SAS, R, SQL, SPSS) | AI-Enabled Tools (ChatGPT, Claude AI, Gemini) | Scientific Posters & Peer-Reviewed Publication

PROFESSIONAL EXPERIENCE

Bridged Impact Consulting

Health Research Consultant

Aug 2025 – Present

- Lead and contribute to real-world research initiatives for health organizations and key opinion leaders (KOL), generating actionable insights to inform clinical strategy and evidence-based program decisions.
- Conduct observational research on patient populations across autoimmune and chronic disease therapeutic areas, applying real-world data principles to generate evidence on health outcomes and disease patterns.
- Support clinic operations and workflows, implementing participant engagement and recruitment activities.
- Participate in qualitative research activities — including structured patient and community interviews — to generate actionable healthcare insights on disease burden, treatment patterns, and patient experience.
- Develop and format materials using PowerPoint, Word, and Excel for client presentations, study reports, and scientific resources; present results to external clients through tailored, high-level presentations.
- Conduct workshops and moderate discussions with community health partners and stakeholders, facilitating evidence-based dialogue on research findings and program strategies.

Centers for Disease Control & Prevention

Epidemiologist, Office of Women's Health

Feb 2021 – Aug 2025

- Led and contributed to research initiatives that informed clinical strategy, regulatory engagement, and evidence-based decision-making across Lupus, Cervical Cancer, and Endometriosis therapeutic areas.
- Developed innovative analytical frameworks to address complex clinical and outcomes research questions for federal and external stakeholders.
- Conducted structured literature reviews and targeted secondary research to support RWE initiatives, evaluate data feasibility, and inform study methodology and analytic framework development.
- Analyzed and interpreted qualitative and quantitative real-world data — including Medicare, Medicaid, claims, EHR, and registry datasets (1M+ records) for deliverables using SAS, R, and SQL.
- Presented results to external clients and stakeholders — including federal partners, academic researchers, and advocacy organizations — through executive dashboards (Power BI) and technical briefings.
- Developed and formatted materials using PowerPoint, Word, and Excel for formal presentations, analytic reports, and program deliverables; ensured project outputs met established quality standards, timelines, and budget requirements.
- Summarized and synthesized complex clinical and outcomes data into clear, structured findings for technical reports, and manuscripts; contributed to scientific posters and client presentations disseminating findings to diverse scientific and non-technical audiences.
- Supported market access-adjacent evidence generation by strengthening registry data quality and accelerating RWE that guided clinical trial design, surveillance strategy, and intervention policy.
- Demonstrated openness to leveraging emerging technologies, including AI-enabled tools, to improve efficiency, analytical rigor, and personal productivity across research workflows.

Health Scientist, Division of Diabetes Translation

Jul 2016 – Feb 2021

- Led and contributed to research initiatives informing intervention effectiveness across Diabetes therapeutic areas, executing two end-to-end RWE studies from protocol development through scientific dissemination.
- Developed innovative approaches and analytical frameworks integrating machine-learning-enhanced methods and AI-enabled tools (DistillerSR, ChatGPT, Claude AI, Gemini) to improve evidence generation efficiency by 10–15%.
- Conducted structured literature reviews and targeted secondary research, including meta-analyses to support RWE initiatives, identify evidence gaps, and inform populations.
- Participated in qualitative research activities including structured interviews, focus group facilitation, and thematic analysis to generate actionable healthcare insights on health behavior, diabetes program uptake, and intervention effectiveness.
- Summarized and synthesized quantitative and qualitative data into clear, structured findings for program and policy stakeholders.
- Contributed to study protocols and developed technical reports, manuscripts, and client presentations for national conferences and stakeholder briefings using Canvas, PowerPoint, Word, and Excel.
- Facilitated scientific exchange on Diabetes intervention evidence with clinical and policy audiences.

Lockheed Martin Corporation

Health Outcomes Researcher, Health Economics & Modeling Unit

Oct 2007 – Jul 2016

- Contributed to real-world research initiatives informing public health strategy and market access decisions, across multiple infectious disease contexts, including H1N1, Ebola, Zika, and Rabies — using surveillance datasets.
- Contributed to study design and methodology development; developed innovative approaches and decision-support models (CommunityFlu, FluSurge, FluAid, Ebola Response, RabiesEcon) to generate support evidence-based resource allocation and program planning.
- Analyzed and interpreted quantitative real-world data — including vaccination claims and surveillance datasets to evaluate intervention effectiveness and inform strategic decisions.
- Conducted cost-effectiveness analysis (CEA), ROI, and QALY analyses supporting market access and emergency decision-making.
- Conducted workshops and moderated technical discussions across 7 LMIC countries, delivering capacity-building training on health economic and epidemiologic methods to domestic and global partners.
- Developed and formatted materials using PowerPoint, Word, and Excel for client presentations, training sessions, and program reports; delivered project outputs meeting established quality standards and timelines.
- Contributed to the development of policy analyses, technical reports, manuscripts, scientific posters, and conference presentations; co-authored four peer-reviewed publications disseminating RWE findings to life sciences and public health audiences.

EDUCATION

Doctor of Public Health (DrPH) — University of Georgia, Athens, GA

Master of Public Health (MPH), Epidemiology — Florida A&M University, Tallahassee, FL

Bachelor of Science, Biology Research — Florida A&M University, Tallahassee, FL

TECHNICAL SKILLS

SAS | R | SQL | SPSS | PowerPoint | Word | Excel | Power BI | REDCap | ICD-10 / HCPCS / NDC / CPT Coding | AI-Enabled Tools (ChatGPT, Claude AI, Gemini, DistillerSR) | Real-World Data (Claims, EHR, Disease Registries) | Study Protocol & SAP Development | Qualitative Research Methods | GCP | CITI | IRB | Peer-Reviewed Publication

SELECTED PUBLICATIONS & PRESENTATIONS

- Atkins CY (2023). [First Author] Evaluation of SDOH impact on COVID-associated health outcomes among COVID-positive low-income minority females (18–64 years). University of Georgia.
- Meltzer MI, Atkins CY, et al. (2014). Estimating the Future Number of Cases in the Ebola Epidemic — Liberia and Sierra Leone. *MMWR*; 63(03):1–14.
- Atkins CY, et al. (2011). [First Author] Estimating the impact of anti-viral drugs in preventing 2009 H1N1 hospitalizations. *Emerg Infect Dis*; 17:1591–1598.
- Oral Presenter: American Public Health Association, American Diabetes Association, NCEZID Science Forum, CSTE Annual Conference, and capacity-building workshops across 7 countries.