

Fall 2025

Welcome

The Diamond Age Dispatch delivers fresh thinking, smart strategies, and insider know-how to help you transform complex data into discovery



From the CEO

At Diamond Age, we're lucky to work at the intersection of biology, data, and some of the most ambitious science happening today. We launched this newsletter to share a bit of that energy—what we're learning, building, and solving alongside our clients.

Whether you're a current partner or just bioinformatics-curious, we hope the Dispatch gives you a clear, quarterly window into how we think, how we work, and how data-driven discovery is evolving. Thanks for reading. We're glad you're here!

—Eleanor Howe, PhD
Founder & CEO, Diamond Age Data Science

Recent Happenings

Partnered with Sanofi at ASGCT

We were proud to co-author a poster with Sanofi at the ASGCT Annual Meeting, showcasing how our bioinformatics expertise helps drive innovation in cell & gene therapy.

You Don't Need AI for That

DA's Eleanor Howe took part in a well-received panel presentation on *Leveraging AI Across the Biopharma Value Chain*, hosted by BioBuzz.

[Blog Post →](#)

Global Alliance for Open Science

DA is part of a global community formed to secure the future of open, accessible biomedical data resources. Join Us!

[GAFOS website →](#)

[Blog Post →](#)

Survey Results Presented at ISMB 2025

DA shared initial findings from the GAFOS global survey on how public data resources are used—and what's at stake if they vanish.

[Read More →](#)

Boss Moves in Bioinformatics

DA co-hosted the wildly successful, career-building panel event, *Boss Moves in Bioinformatics*, with BWIB and Eli Lilly.

[Blog Post →](#)

Biotech + Beer + Great Conversation

On July 10th, DA sponsored a very well-received happy hour biotech networking event held at Lamplighter Brewery.

[Read More →](#)

CASE STUDY:

Rapid Genomic Analysis Clears FDA Hurdle

Curious how our customized solutions can help you to rapidly address clinical questions?

Let's chat!

[Learn More](#)

Our customized genomic analysis assured the FDA that our client's investigational treatment did not cause the adverse event.

The successful development and deployment of the pan-genome pipeline established a strong foundation for ongoing innovations in crop production through genomic engineering.

CASE STUDY:

Advancing Crop Production Through Microbial Pan- Genome Analysis

Curious how genomics can transform crop production?

Let's talk about what this approach can do for you!

[Learn More](#)

Co-Publication Spotlight

A Phase I Study of FHD-286, a Dual BRG1/BRM (SMARCA4/SMARCA2) Inhibitor, in Patients with Advanced Myeloid Malignancies
Clin Cancer Res (2025) 31 (12): 2327–2338.

[Read More →](#)



FOGHORN[®]
THERAPEUTICS

Consultants Spotlight

Where We Drive Impact

Target ID & Validation

Biomarker Discovery & Development

Mechanism of Action Elucidation

Patient Stratification & Indication Selection

Custom Genomics & NGS Analysis

Pipeline Development & Workflow Engineering

Clinical Data Analysis & FDA Submission Support

AI/ML Applications in Bioinformatics

Assay & Methods Development

Under the Hood

OMICS: RNA-seq (bulk, single-cell, spatial), ATAC-seq, CITE-seq, TCR-seq, WGS, WES, CRISPR, Proteomics, more

Platforms: AWS, GCP, Azure, HPC, DNAnexus, Amazon Omics

Languages: R, Python, Nextflow, Docker, SQL, and more

Data Sources: TCGA, CCLE, GEO, dbGaP, RefSeq, Ensembl, proprietary datasets

Meet Katie D'Aco

Expertise

MS in Computational Biology

Core Strengths

Transcriptomics & Translational Science

The Most Rewarding Part About Client Partnerships

Collaborating with biologists and having the opportunity to learn from one another

Favorite Client Challenge

Finding creative ways to visualize complex datasets

Fun Fact

I draw portraits in my free time!



Meet Jason Warner

Expertise

PhD in Cellular & Molecular Physiology

Core Strengths

Next-generation sequencing analysis and pipeline development

The Most Rewarding Part About Client Partnerships

Being a scientific partner to create innovative tools and uncover new insights

Favorite Client Challenge

Gaining insights from large sets of data

Fun Fact

The Human Genome Project inspired me to pursue a career in bioinformatics



Where We Drive Impact

Target ID & Validation

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Diamond Clarity Q&A

Have a question you would like us to tackle in the next issue? Submit it to martha@diamondage.com or roger@diamondage.com, and we may feature it in the next newsletter!



Q What actually happens during a bioinformatics consulting project? Do I just hand over data and wait?



Q Do I need AI to get more out of my data?



A Not at Diamond Age. We turn black-box mystery into transparent collaboration. From day one, we agree on goals, timelines, and how you like to work, so nothing gets lost in translation.

[READ MORE](#)



A Maybe. Maybe not. We'll assess your data, goals, and constraints, and tell you the truth. If AI adds value, we'll use it. If not, we'll save you time and money.

[READ MORE](#)



Q What makes a bioinformatics partner truly exceptional?



Q What if my bulk RNA-Seq study didn't show any differentially expressed genes?



A They speak fluent biology. They anticipate roadblocks before they hit. They flex with your needs. And they work like a true extension of your team—not just a vendor with a report.

[READ MORE](#)



A It doesn't necessarily mean your experiment failed. At Diamond Age, we dig deeper with tools like GSEA to uncover hidden pathway-level signals—even when individual genes don't light up.

[READ MORE](#)

Upcoming Events

EVENT	DATE	LOCATION	LINK
Bio Innovation Conference 2025	9/4	Rockville, MD	Learn More -->
11th Annual BioHealth Capital Region Forum	9/23-25	Rockville, MD	Learn More -->
AI In Computational Biology & Drug Discovery	9/25	Cambridge, MA	Learn More -->
Boston Women in Bioinformatics 10th Year Anniversary (DA KEYNOTE)	9/30	Somerville, MA	Learn More -->
American Society for Human Genetics Annual Meeting	10/14	Boston, MA	Learn More -->
American Society for Hematology Annual Meeting	12/6	Orlando, FL	Learn More -->

New Certifications & Platforms



Diamond Age is a verified supplier on **Science Exchange**, giving clients a seamless, compliant way to access our bioinformatics expertise and streamline project onboarding.



Diamond Age is a registered supplier on **Scientist.com**, making it easier and faster for clients to engage our bioinformatics expertise through a trusted, compliant platform.



Diamond Age is proud to be certified by the **Women's Business Enterprise National Council (WBENC)**, reflecting our commitment to diversity and inclusion while connecting us to a powerful network of women-owned businesses and partners.

Diamond Age is proud to be recognized by the **U.S. Small Business Administration** as a certified **Women-Owned Small Business (WOSB)**, reflecting our commitment to diversity and enabling clients to meet supplier diversity goals while partnering with a trusted bioinformatics expert.

**Have a new project or a question about how Diamond Age can help?
Reach out—we'd love to hear from you!**

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