

Welcome to our

Monthly Newsletter

Catch-up with Jeff



Credit: Anyan Teal

Where in the world did Jeff visit? Keep reading to find out!

For most of March and April, I kept things closer to home. Luckily, the [National Society of Black Engineers](#) held their [annual convention](#) here in Baltimore, Maryland on March 18 - 22, 2026. I was able to help out at a booth and reception hosted by John Hopkins University spreading the word on protein design. Hopefully we do get some new interest in our field.

I'd also like to send out a congratulations to our current and former RaMP and REU students who were recently selected for the NSF Graduate Research Fellowship Program award. This is a wonderful accomplishment. I wanted to recognize:

- Current RaMP Trainees: [Nicolas Langdon](#), [Raksha Pradeep](#), & [Miranda Simpson](#)
- Former RaMP Trainee: [Ali Mobedi](#)
- Former REU Interns: [Dawning \(Jiajia\) Fu](#), [Samantha Schulte](#), & [Richard Zhu](#)

I also wanted to extend my pride to all of our current and former RaMP and REU participants who applied for the award - including formulating a research plan and a personal statement around their career journey. I cannot wait to see what all of our promising students do in the future.

Lastly, [Summer RosettaCon registration](#) is closing soon. If you haven't had a chance to register yet, know that registration closes May 15. I look forward to catching up more in Seattle for those who can attend and meeting some new faces.

Cheers,
Jeff

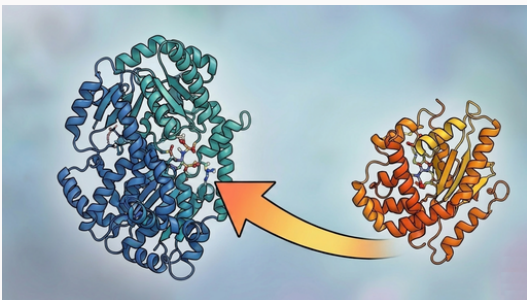
Latest News



ML Protein Design Bootcamp Now Available on YouTube

This course provides a practical, beginner-friendly overview of modern AI/ML tools for protein structure prediction and design, including AlphaFold, ESMFold, ProteinMPNN, and RFdiffusion, along with the workflows that connect them. We'd like to thank the course instructors Ian Anderson (UC Davis), Ben Orr (UCSF), and Mary Reilly (UC Davis) for putting this course together and sharing it with the community.

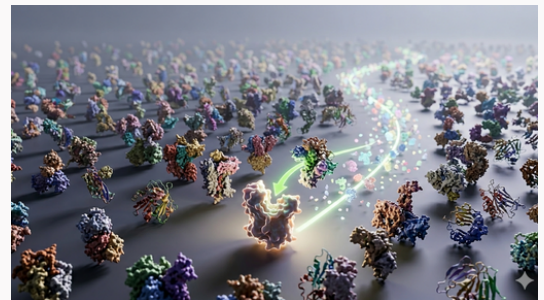
[Watch the Videos](#)



Deep Learning's Impact on *de novo* Protein Design

Propelled by advances in deep learning and *de novo* design, protein engineering is pivoting from a structure-orientated focus toward function-oriented challenges, such as designing for neosurfaces and conditional binding with biological stimuli.

[Find Out More](#)



Next-Gen Generative Model Unlocks *de novo* Designs at Scale

NVIDIA's new Proteina-Complexa model combines generative AI with inference-time search algorithms to operate 30-60x faster than RFdiffusion when designing custom proteins that target specific diseases.

[Find Out More](#)

Upcoming Events



Summer RosettaCon 2026

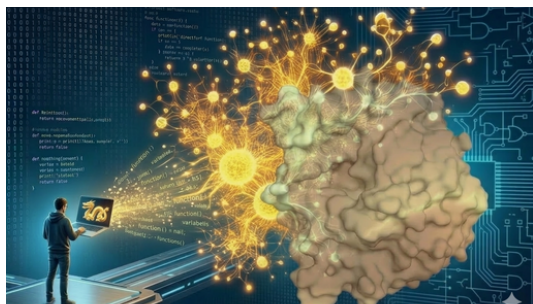
Registration closes May 15

Theme: Biomolecule Engineering: From Principle to Practice

Dates: August 3 - 7, 2026

Location: University of Washington, Seattle, WA

[Register Today](#)



How To Train Your Model Hackathon

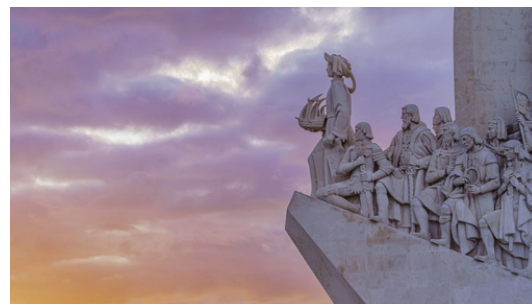
Application deadline May 1

Topic: A project-based learning experience for moving beyond "out-of-the-box" machine learning models.

Dates: August 2 - 8, 2026

Location: University of Washington, Seattle

[Apply Today](#)



European RosettaCon 2026

Early Bird closes May 31

Theme: Crossing Boundaries with Protein Design

Dates: October 28 - 30, 2026

Location: Universidade Nova de Lisboa, Lisbon, Portugal

[Register Today](#)

Member Spotlight

Bruno Correia, Ph.D.

*Full Professor
Laboratory Of Protein Design & Immunoengineering, EPFL
Co-organizer of European RosettaCon 2026*



About Bruno

Native to Portugal, Bruno majored in chemistry before receiving a fellowship to pursue a Ph.D. anywhere in the world. He ended up in David Baker's lab and was co-advised by Bill Schief. Wanting to work in protein structure and prediction, he was introduced to protein design while at the University of Washington and never looked back. He completed a postdoc at The Scripps Research Institute before joining the faculty at EPFL 11 years ago. In his free time, Bruno loves to enjoy the intersection of science and art, often finding parallels between the two while enjoying live music. He tries to see a local band everywhere he travels. He also enjoys spending time outside and playing sports.

Rosetta Community

The stability of the Rosetta Commons community is one part he greatly values. The community developed and has maintained a standard of excellence and openness in science that makes scientific practices better, an aspect which has been formative in his career. "Something the community has taught me is that working with other people is the only way to go," he said.

"Don't get discouraged. At first glance everything may seem to have been solved, but if you look again, you might just find some new questions that need answers."

"If there is a problem you want to work on, do it, because that passion helps to push science beyond the status quo."

Scientific Endeavors

"My work is completely unfocused," said Bruno, and that's a good thing. He praises and values his scientific freedom as it allows for creativity in his research as he strives to push the boundaries of what can be done in protein design. His lab is focused on the development and use of computational tools for the design and engineering of proteins, with the aim to develop new protein-based therapeutics, vaccines, biosensors and more.

[Email Bruno](#)

[Bruno's Lab](#)

Announcements



Let's Get Social: New Ways to Connect with @RosettaCommons

We want to stay connected with the Rosetta community. To do that, we invite you to follow us on our social channels. Just click on the links below to go to our profile to follow our channel. In addition to sharing important news and announcements for Rosetta Commons, we would also like to share research and technological advancements of our members. Please contact Angela Colbert, Communications Lead, via email or slack if you have something you'd like to share with the community.

[Connect with Angela](#)

Rosetta Commons Jobs

Check out our Jobs board for the latest postings

[Jobs Board](#)

Join the conversation on our social channels.



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