

## **KBase User Engagement: Leveraging Outreach and In-Reach Strategies to Build a Collaborative Community**

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<http://kbase.us>

**Project Goals: The Department of Energy Systems Biology Knowledgebase (KBase) is a knowledge creation and discovery environment designed for both biologists and bioinformaticians. KBase integrates a large variety of data and analysis tools, from DOE and other public services, into an easy-to-use platform that leverages scalable computing infrastructure to perform sophisticated systems biology analyses. KBase is a freely available and developer extensible platform that enables scientists to analyze their own data within the context of public data and share their findings across the system.**

We are building a community at KBase, and we want you to be a part of it! There are many ways to join the KBase family. A KBase user account is free and open to everyone, with full access to public data, ability to upload your own data whether private or public, run data analyses using community-developed tools, share with collaborators, and finally release to the community when you are ready - all via a platform that allows for publication-level reproducibility. KBase also works with community developers to release their tools on the KBase platform through formalized Software Development Kit (SDK) training, one-on-one support via Slack, and regular workshops/webinars.

We are also building User Working Groups (UWGs) in three main research areas: Microbiome, Metabolism, and Functional Genomics. These UWGs represent community members that are ready to get their data, tools, and analysis workflows up and running on KBase. We are also working with several Science Focus Area projects, recently funded by DOE, to get their data and tools on system. Each of the five SFAs are represented in the KBase User Science Presentations session (Monday afternoon), as one of the priorities at KBase is to support and champion our users, developers, and collaborators. Finally, one of the newest KBase features allows users to create a private (non-discoverable) or public landing page for their research group, lab, or organization. This simplifies how you interact with your immediate community (e.g., sharing narratives and inviting new members) via a customizable interface.

More information on the collaborative capabilities inside the KBase platform can be found on the *KBase: The Systems Biology Knowledgebase for Predictive Biological and Environmental Research in an Integrated Data Platform* poster.

KBase also runs regular in-person workshops, has a presence at many key conferences, and continually hosts webinars on a variety of topics to demonstrate functionality on the platform in a venue that allows for community feedback and real-time questions/answers. To receive announcements of upcoming events, please sign up at <http://kbase.us/newsletter>. If you are interested in knowing more about joining the KBase community or would like to speak to a member of the KBase outreach team outside of the poster session, please email [engage@kbase.us](mailto:engage@kbase.us).

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