

Shaping the Future of Engineering Biology

Industry and Organizational Membership Overview



What is EBRC?

EBRC is the leading U.S.-based non-profit, public-private partnership dedicated to bringing together an inclusive community committed to advancing engineering biology to address national and global needs. We showcase cutting-edge research in engineering biology, identify pressing challenges and opportunities in research and application, articulate compelling research roadmaps and programs to address these challenges and opportunities, and provide timely access to other key developments in engineering biology and the bioeconomy.

Our four focus areas, driven by member-led working groups:



Research
Roadmapping



Education



Security



Policy and
International
Engagement

INDUSTRY MEMBERS

Industry and Organizational Members come from the full range of institutions interested in synthetic biology. From large multinational corporations to non-profit research institutions, our members play a critical role in helping guide the field by working with a community of academic scientists and engineers committed to rapid advancement. Members participate in or lead working groups on topics of interest to their organizations and help to shape EBRC's programs and activities. EBRC Working Groups provide a unique forum where industry scientists work side-by-side, and on an equal playing field, with academic members to advance the field. EBRC activities not only provide opportunities to help shape the field's vision and direction but also provide unique access to cutting-edge research taking place in academic labs and to EBRC's young leaders, students, and postdocs.

Benefits

- Learn about pre-disclosure, cutting-edge research taking place in academic labs.
- Participate in or lead working groups on topics of interest to your company.
- Help shape engineering biology research roadmaps, catalyze new technical advances, and direct the future of the field.
- Work side-by-side, and on an equal playing field, with EBRC's distinguished academic members on projects to advance the field of engineering biology.
- Meet and get to know the next generation of talented scientists, engineers and policy experts working to advance engineering of biology.

Criteria

- Mission, products and/or services related to biotechnology.
- Interest in participating in EBRC working groups, programs, council, and other activities.
- Pay annual membership dues based on the size of your organization.

THE EBRC COUNCIL

Council Members are a core group of EBRC members that are responsible for implementing the vision and mission of EBRC. Council Members form the core of the EBRC working groups (serving as chairs as well as working group members), and serve on committees to fulfill EBRC governance duties. Each member organization has a seat on the Council, joining with approximately 30 individual members to form the full EBRC Council. Additional employees of EBRC member organizations are encouraged to participate in EBRC Working Groups and attend relevant events.

Membership Meetings

ANNUAL MEETING **SPRING**

Hosted at rotating locations around the US, annual meetings include scientific content, interactions amongst the membership, working group meetings, and last 2-3 days. Member organizations are encouraged to send multiple representatives to participate. Annual meetings include a robust technical program with talks and posters. They also include sessions designed around EBRC Working Groups (e.g. a session on EBRC Research Roadmapping). Meetings are sometimes tied into workshops and other activities by the working groups to maximize utility and minimize additional travel.

COUNCIL RETREAT **FALL**

The Council Retreat is hosted at rotating locations around the US and serves as the primary working meeting for EBRC Council Members. EBRC projects and directions are discussed each year, helping us prioritize the issues most important to membership. These meetings can include a short technical component for faculty and industry, and often benefit from the presence of USG policymakers.

MEMBERSHIP TIERS

Institutional members join by signing a membership agreement and paying annual membership dues based on the size of the company. EBRC is exempt from income tax under 501(c)(3) of the Internal Revenue Code and membership dues are generally tax-deductible.

Number of Employees	Annual Dues
1 - 5	\$1,000
6 - 20	\$2,000
21 - 75	\$5,000
76 - 250	\$10,000
251 - 500	\$15,000
500+	\$30,000

Non-profits and companies whose primary business is outside biotechnology may be eligible for reduced dues.



EBRC Focus Areas & Working Groups

EBRC has organized Working Groups to carry out the externally-facing activities of the organization. EBRC Working Groups are charged with identifying and promoting engineering biology research opportunities (including developing EBRC roadmaps), and building solid and durable ties to federal agencies, institutions, and the larger community in each area. Their activities include engaging these communities, institutions, and agencies about the role of engineering biology research, as well as engaging engineering biologists about the challenges and opportunities in these fields. Working groups meet monthly (virtually) for one hour, and host meetings and workshops on specific topics.



Technical Research Roadmapping

EBRC's Research Roadmapping efforts create ambitious and visionary technical research roadmaps that identify priority areas for research over the next two decades. The roadmaps provide a point of convergence and discussion for companies, universities, policymakers, funding bodies, and broader society as to the advancement, impact, and applications of engineering biology. Led by the Roadmapping Working Group, EBRC roadmaps set forth technical research goals that, when achieved, will be integral to solving broad societal challenges. EBRC roadmapping is an “evergreen” activity; we endeavor to honor the acceleration of science and technology advancement through the ongoing creation of deep-dive and cross-cutting roadmaps and through assessment and renewal of our existing roadmaps.



Security & Engineering Biology

As the tools of engineering biology develop and unlock solutions to some of the world's toughest challenges, the potential grows for those same technologies to be used in ways that ultimately cause harm to people or planet, resulting from either intentional, nefarious use, or from the unintended consequences of well-intentioned efforts. The Security Focus Area supports activities that bring academic, government, and industry engineering biology stakeholders together to understand the nature of these potential negative outcomes and build strategies to minimize and mitigate them. By weaving engagement with security issues into the fabric of engineering biology training and research, we aim to support the field as it delivers on the promises of engineering biology without assuming unacceptable risks of negative outcomes.



Policy & International Engagement

EBRC works to proactively engage on public policy issues that affect or are affected by the advancement of engineering biology. Through the Policy & International Engagement Working Group, EBRC serves as a focal point for international engagement, representing the U.S. engineering biology community in key international fora and processes. In the U.S., the group engages directly with government stakeholders to provide insight from the research base to promote the economic value of U.S. leadership in the field. Community engagement extends to the local level to build awareness of research and economic activity and create supportive research environments. EBRC members have access to resources on approaches for effective engagement locally, nationally, and internationally.



Education & Engagement

EBRC is committed to the education, training, and professional development of the next generation of engineering biology practitioners. Through the efforts and leadership of the Education and Engagement Working Group, EBRC facilitates programs and hosts resources and materials for inspired teaching and learning at all levels. The Education and Engagement Focus Area is also home to EBRC's Student & Postdoc Association (SPA), which fosters a community for trainees from around the world and offers a forum for interaction and collaboration with peers and professionals throughout engineering biology.



Visit www.ebrc.org/join to learn more or
email helix@ebrc.org.