

International Society for Computational Biology



Strategic Map 2022-2025

The International Society for Computational Biology (ISCB) Strategic Map sets the vision for the Society for the next three years. This is meant to be a living document. Over the course of the next three years, the Board of Directors will evaluate, assess, and course correct as needed to ensure we upload our duties to fulfill our mission and meet our member and community's needs. The Board of Directors may from time to time adjust the Strategic Map to address the field's evolving ecosystem to ensure sustainability and operational success of ISCB.



Our Vision

Lead the field of computational biology to maximize its global impact on science and society

Our Mission

A global society advocating for and advancing scholarship, research, training, outreach and inclusive community-building in computational biology and its professions.

Our Values

The Society promotes the following values:

Excellence:

- in scientific publications, training and conferences
- through collaborative interaction

Ethics:

- through scientific integrity and the highest level of professionalism
- by supporting collaborative science through open sharing of data and resources
- while acknowledging intellectual rights and protection of individuals' rights to privacy
- while acknowledging and attributing intellectual contributions
- by acting responsibly and avoiding conflicts of interest
- by promoting environmental consciousness in our activities

Diversity and Inclusion:

- by striving toward greater global diversity of our membership, leadership, and profession
- by promoting awareness and respect of differences across all aspects and among all members of our community
- by creating environments that are free of harassment and discrimination

Service:

- to our members, staff, international scientific community, and public at large
- through human relations, understanding, and support
- with efficient and effective use of resources
- with a commitment to the application of computational biology for the benefit of humankind and the environment

Communication:

- with transparency and honesty
- with respect for one another
- through active listening
- by seeking and using feedback for self-evaluation and decision-making
- with openness to change

ISCB Strategic Objectives 2022-2025

Community

Become the global community for the discipline of computational biology and bioinformatics that embodies equity, diversity, inclusion, and belonging and stimulates, cultivates, and promotes interactions within and between its diverse scientific and technical fields.

3-year Success Roadmap:

- Nurture our inclusive global scientific community.
- Provide a forum to foster fresh dialogues and perspectives while supporting developing regions and underrepresented [minority] research groups.
- Communicate [disseminate] scientific advances in computational biology and bioinformatics.
- Create an environment that cultivates inclusive synergies, interactions and collaborations.

Leadership

Be the leading bioinformatics and computational biology organization for standards setting, innovation, scientific research exchange, and advocacy within our profession and the life sciences more broadly.

3-year Success Roadmap:

- Provide the organization, resources and structure for standard setting within computational biology.

- Become the recognized voice of the profession in advocating for the use of rigorous and innovative computational methods in life sciences.
- Create, promote, and embody equity and inclusion within our profession while supporting local and regional computational biology communities internationally.
- Continue to be the premier organization for disseminating scientific research in computational biology.

Empowerment

Empower our community by providing high-quality computational biology education and training to advance skills, promote our profession by driving the inclusion of computation and data sciences into all life science-related programs, and create a culture that encourages equity, diversity, inclusion, and belonging.

3-year Success Roadmap:

- Continually develop a comprehensive education and training portal that supports, provides and enhances the society's current educational resources.
- Expand bioinformatics awareness, increasing the visibility of our science and profession.
- Support those who seek equity and inclusion in our field.
- Nurture the development of the next generation of computational biologists.