

DiscoverSTEM Panel of Experts Membership Official By-laws

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BY-LAWS REVISION HISTORY:

Version	Adoption date	Approval Committee
1.0	03/17/2020	Quorum
1.1	07/20/2021	Quorum
1.2	02/09/2022	Quorum
1.3	08/21/2023	Quorum

ARTICLE I: NAME

The membership shall be known as the "DiscoverSTEM Panel of Experts" (hereinafter referred to as "the Panel"). The Panel operates as an integral component of the DiscoverSTEM program and maintains its principal office at the location designated by the Board of Directors.

ARTICLE II: PURPOSE

The Panel's purpose is to provide industry-relevant knowledge to DiscoverSTEM students and mentor them at different stages of the program. Hailing from different domains, the panel of experts guide students at several stages of the program. They resolve any queries or doubts and help students gain better insights into their subjects. They also guide students in choosing better career opportunities and assist them in charting a plan to achieve their career goals.

ARTICLE III: MEMBERSHIP ELIGIBILITY AND SELECTION CRITERIA

Section 1: Panel of Experts Membership Application process

The Panel of Experts at DiscoverSTEM represents the highest level of achievement and recognition in innovation and advancement in their respective fields. The candidates can apply for the panel of experts' membership by sending an email to info@discoverstem.info with their profile and why they want to be a member of this research and innovation organization. The application process shall commence with the submission of a comprehensive application package including professional credentials, references, and a detailed statement of purpose. Alternatively, any current panel member, board member can nominate or invite a qualified candidate based on their outstanding repute and extraordinary achievements in their respective fields.

Section 2: Eligibility and Selection Criteria

To be considered for the Panel of Experts, candidates must satisfy significantly the following criteria,

- Candidates must hold an advanced degree like Master's, Ph.D., or Bachelor's degree with exceptional industry achievements and additional professional certifications
- Candidates should have a minimum of eight (8) years of professional experience in their discipline, including research, industry practice, or academic teaching.
- A record of published articles, patents, or other scholarly contributions in recognized, peer-reviewed forums or reputable industry publications is strongly encouraged

- Candidates should have a verifiable history of professional impact, such as serving on academic committees, advisory boards, editorial panels, or through notable public engagement.
- Candidates must demonstrate their standing as one of the topmost talents in their field, as evidenced by awards, honors, patents grant or significant achievements.
- Candidates are required to furnish letters of endorsement from at least two established professionals in their field attesting to their expertise, character, and capacity to contribute meaningfully to the DiscoverSTEM panel.
- A willingness to engage in ongoing mentorship, collaboration, and networking activities that foster the growth of future innovators.
- All experts are expected to maintain confidentiality of sensitive or proprietary information obtained through DiscoverSTEM's activities.

Designated fields of expertise are,

- Aerospace
- Artificial intelligence, Machine Learning and Autonomous technology
- Banking, Finance and FinTech
- Bioengineering
- Energy and Environmental
- Entrepreneurship and product design
- Genomics, Biotechnology and Health Science
- Neurotechnology and Brain Computer Interface

Initial review shall be conducted by the Membership Committee (inclusive of experts recognized with national and (or) international repute in their field), which shall evaluate applications or nominations against established criteria including outstanding professional accomplishments, academic credentials, media repute and potential contribution to the Panel's mission. Professional background verification. Followed by voting of the active members of the panel of experts. The final selection shall require approval from the Membership Committee and the Executive Board. The selection membership committee shall include existing panel members and executive board members.

ARTICLE IV: TERM AND RENEWAL:

- Panel experts serve a fixed term (as designated by the Board) and may be reappointed upon fulfilling ongoing requirements such as active participation, continuous professional development, and adherence to the organization's by-laws.
- Panel membership may be terminated or suspended if an individual fails to meet DiscoverSTEM's standards of professional conduct or fails to uphold the duties outlined within these by-laws.

ARTICLE V: MEMBERSHIP OBLIGATIONS:

Members shall maintain the following minimum commitments,

- A minimum of four hour monthly dedicated to student mentorship
- Quarterly attendance at general panel meetings

- Participation and contribution in annual program review
- Shall maintain current knowledge in their field of expertise
- Active engagement in professional development
- High ethical standards in all interactions

ARTICLE VI: QUORUM:

A majority of the whole panel of experts shall constitute a quorum, and the act of a majority of the members present at a meeting at which a quorum is present shall be the act of the committee.

ARTICLE VII: TRANSFER OF MEMBERSHIP:

Membership, or any right arising from it, in this organization is not transferable or assignable, either voluntarily or by operation of law.

ARTICLE VIII: AMENDMENTS

- These By-Laws may be altered, amended, or repealed by a two-thirds (2/3) majority vote of the Board of members.
- Any proposed amendments must be distributed to the Board at least [15 days] before the scheduled vote.

CERTIFICATION

These By-Laws of **DiscoverSTEM** have been approved by the Board of Directors and hereby adopted as of the effective date below.

- **Approved by the Board on:** August 21st, 2023