



IEEE Code of Ethics and Ethics Education

R10 Meeting @ Vietnam

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Member, IEEE Ethics and Member Conduct Committee



Ethics and Member Conduct Committee (EMCC) - Operations

- ▶ Reports to the IEEE Board of Directors.
- ▶ Recommends policy and educational programs to promote ethical behavior of members and staff.
- ▶ Administers proceedings relating to member and officer discipline.
- ▶ Administers requests for ethical support.
- ▶ Fosters an awareness of ethical issues, e.g. IEEE Award for Distinguished Ethical Practices, the Student Ethics Competition, and Ethics Resources.

IEEE Code of Ethics

We, the members of the IEEE, in recognition of the importance of our technologies in affecting the quality of life throughout the world, and in accepting a personal obligation to our profession, its members, and the communities we serve, do hereby commit ourselves to the highest ethical and professional conduct and agree:

I. To uphold the highest standards of integrity, responsible behavior, and ethical conduct in professional activities.

1. to hold paramount, the safety, health, and welfare of the public, to strive to comply with ethical design and sustainable development practices, to protect the privacy of others, and to disclose promptly factors that might endanger the public or the environment;
2. to improve the understanding by individuals and society of the capabilities and societal implications of conventional and emerging technologies, including intelligent systems;
3. to avoid real or perceived conflicts of interest whenever possible, and to disclose them to affected parties when they do exist;
4. to avoid unlawful conduct in professional activities, and to reject bribery in all its forms;
5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors, to be honest, and realistic in stating claims or estimates based on available data, and to credit properly the contributions of others;
6. to maintain and improve our technical competence and to undertake technological tasks for others only if qualified by training or experience, or after full disclosure of pertinent limitations;

II. To treat all persons fairly and with respect, to avoid harassment or discrimination, and to avoid injuring others.

7. to treat all persons fairly and with respect, and to not engage in discrimination based on characteristics such as race, religion, gender, disability, age, national origin, sexual orientation, gender identity, or gender expression;
8. to not engage in harassment of any kind, including sexual harassment or bullying behavior;
9. to avoid injuring others, their property, reputation, or employment by false or malicious actions, rumors, or any other verbal or physical abuses;

III. To strive to ensure this code is upheld by colleagues and co-workers.

10. to support colleagues and co-workers in following this code of ethics, to strive to ensure the code is upheld, and to not retaliate against individuals reporting a violation.

*Adopted by the
IEEE Board of Directors
June 2020*

EMCC: Education

- EMCC makes presentations, formal and informal, at meetings of the IEEE and other organizations.
- Fosters awareness on IEEE Code of Ethics and ethical issues
- Oversees the IEEE Ethics Award process, as provided in the EMCC Ops. Manual Section 3
- Promotes and Fund Student Ethics Competitions (SEC), as provided in the EMCC Ops. Manual Section 4



IEEE Award for Distinguished Ethical Practices

Online Nominations



EMCC: Award for Distinguished Ethical Practices

- The IEEE Award for Distinguished Ethical Practices is presented for
 - (a) exemplary ethical behavior/practices and/or*
 - (b) persuasive advocacy or promotion of ethical behavior/practices*
- **Eligibility:** Members of the IEEE and organizations that employ IEEE members.
- **Frequency:** This award is presented annually, unless the EMCC judges that a suitable candidate is not available for a specific year
- **Ceremony:** The award is presented at a meeting hosted by the IEEE Board of Directors or another event mutually agreed upon by the awardee and EMCC
- **Prize:** Engraved Certificate
- **Nomination Deadline:** July 1st
- **Nomination process:** details available in: <https://www.ieee.org/about/ethics/award.html>

EMCC requests your support and nominations for this award.



EMCC: Award for Distinguished Ethical Practices

2020 Winner

William Griffin

Chief Ethics Officer of Hypergiant Industries



“For sustained professional advocacy of ethical practices in industry and academia.”



IEEE Student Ethics Competition (SEC)

Virtual Competitions



EMCC: Student Ethics Competition

- The IEEE Student Ethics Competition (SEC) is sponsored by EMCC
- Developed for use at IEEE Student events to encourage the study and awareness of professional ethics by IEEE Student and Graduate Student Members in good standing.
- The competition includes a presentation and defense of a case analysis by teams of students. Virtual competitions are encouraged where in-person events are not possible.
- Specific objectives of the competition program:
 - Foster familiarity with the IEEE Code of Ethics and ethical concepts
 - Promote a model for discussing and analyzing ethical questions
 - Provide experience in applying ethical concepts to typical professional situations
- EMCC offers support for competitions in the ten IEEE regions and encourage competitions in other units such as sections.
- Details on participation: <https://www.ieee.org/about/ethics/competition.html>



Ethics Resources and Organizations



EMCC: Ethics Resources and Organizations

(<https://www.ieee.org/about/ethics/resources.html>)

- Ethics cases:
 - Texas A&M Engineering Ethics Cases
 - Online Ethics Center for Engineering and Science
- Ethics organizations:
 - IEEE Society on the Social Implications of Technology
- General ethics information:
 - Principles of Ethical Conduct in Engineering Practice
 - Scientific Freedom, Responsibility and Law Program of the AAAS
 - Professional Ethics Report of the AAAS
 - Government Accountability Project (GAP) on Supporting Whistleblowing
 - U.S. Office of Government Ethics

Ethics Resources and Organizations (<https://www.ieee.org/about/ethics/resources.html>)

- Helplines:
 - Online Ethics Center
- Computer and internet ethics:
 - Computer Professionals for Social Responsibility
- Mediation and arbitration:
 - American Arbitration Association
 - Federal Mediation and Conciliation Service
 - Global Arbitration Mediation Association, Inc.
- Related articles:
 - The Institute - Archives of Ethics Articles

THANK-YOU



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