

# Demystify IEEE Fellow Nomination Process

Jenshan Lin

Chair, MTT-S Fellow Search Committee

# 2024 MTT-S Fellow Search Committee

- Jenshan Lin, Chair
- Victor Fouad Hanna, Past Chair
- Charlie Jackson
  - A subcommittee under Awards Committee
  - Independent of the Fellow Evaluating Committee (FEC)
- Ed Rezek
- Robert Caverly (\***NEW**, Microwave Magazine Editor-in-Chief)
- Vicente Boria-Esbert (\***NEW**, R8, past FEC member)
- Tzyy-Sheng (Jason) Horng (\***NEW**, R10, past FEC member)

# Our Mission

- Look for potential nominees and nominators
- Encourage and help nominations
  - (primary) nominations evaluated by MTT
  - (secondary) nominations of MTT members evaluated by other societies or technical councils
- The goal is to help MTT increase the number of new Fellows each year.



# My background

- Chair, MTT-S Fellow Search Committee (2024-)
- Past Member and Vice Chair of MTT-S Fellow Evaluating Committee (2014-2018)
- Past Chair of MTT-S Fellow Evaluating Committee (2021-2022)
- Bell Labs (1994-2003)
- University of Florida (2003-2022)
- U.S. National Science Foundation (2016-2020, 2022-present)

# Myth #1

- This Fellow Information Session is for those preparing for upcoming nomination deadline this year: Feb. 7, 2024.
- No, this session is for **EVERYONE**. All are welcome to attend!
  - Senior members ready for Fellow nomination
  - Senior members not sure if ready for Fellow nomination
  - Nominators, current or future
  - Members (all grades, including YP) curious about Fellow nomination and evaluation process.

# Tip #1

- Always good to start planning early, even if the potential nominee is in early career stage.
- Don't wait till a few months before nomination deadline. It could take years to properly plan.

Note: If you are not a Senior Member yet, please "apply" to become a Senior Member.

- Senior Member status is required for Fellow nominee.



# Myth #2

- To become a Fellow is to “apply” for Fellow elevation, much like the Senior Member application process.
- No! It is not an “application”. Self-nomination is not accepted. You need to be “nominated”.
- And, the nominator is very important.

# Tip #2

- Nominator plays a very important role (not trivial).
- Nominator should work closely with nominee to build a very strong case.

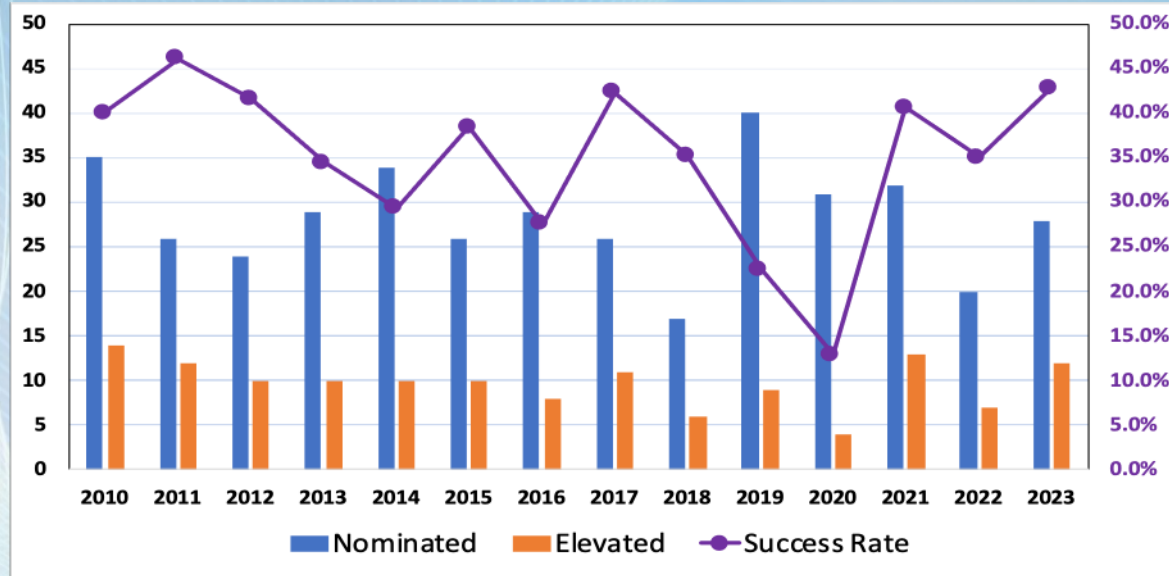
Note: Unlike Senior Member application which is relatively very easy to get approved, to become a Fellow is much harder and very competitive, and its success rate is much lower.



# Fortunately, MTT success rate is better than IEEE average

- MTT success rate over the past 14 years: 34.3% (136/397)
- MTT success rate over the past 3 years: 40.0% (32/80).
  - **40.6%, 35.0%, 42.9%**
- IEEE overall success rates in the past 3 years:
  - **30.2%, 32.1%, 34.0%**
- (MTT success rate) > (IEEE success rate) in the past 3 years.

# Historical Data – Evaluated by MTT



Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fellow Class	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Nominated	35	26	24	29	34	26	29	26	17	40	31	32	20	28
Elevated	14	12	10	10	10	10	8	11	6	9	4	13	7	12
Success Rate	40.0%	46.2%	41.7%	34.5%	29.4%	38.5%	27.6%	42.3%	35.3%	22.5%	12.9%	40.6%	35.0%	42.9%

# IEEE Statistics

## 2023 Evaluations for Fellow Class 2024



### Evaluated in 2023 for Elevation on 1 January 2024

Total Voting Membership:	328,953
Number of Fellows	8,426
Total Nominations Received	949
Total Nominees Elevated	323
% success	34.0%

				Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
Regions 1-6 (U.S.)				142,099	363	145	43.2%	38.3%	44.9%	39.9%
Region 7 (Canada)				13,093	44	21	4.0%	13.6%	6.5%	47.7%
Region 8 (Europe, Mid East, Africa)				59,450	191	61	18.1%	20.1%	18.9%	31.9%
Region 9 (Latin America)				10,188	11	2	3.1%	1.2%	0.6%	18.2%
Region 10 (Asia and Pacific)				102,967	340	94	31.3%	35.8%	29.1%	27.6%
Total				327,797	949	323	99.6%	100.0%	100.0%	34.0%

Society/Council				Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
AES				4,839	11	4	1.5%	1.2%	1.2%	36.4%
AP				9,149	36	7	2.8%	3.8%	2.2%	19.4%
BIO				0	3	1	0.0%	0.3%	0.3%	33.3%
BT				1,315	1	0	0.4%	0.1%	0.0%	0.0%
CAS				9,974	33	8	3.0%	3.5%	2.5%	24.2%
COMM				25,227	100	33	7.7%	10.5%	10.2%	33.0%
CIS				7,611	36	12	2.3%	3.8%	3.7%	33.3%
COMP				35,777	126	47	10.9%	13.3%	14.6%	37.3%
CTS				2,496	5	2	0.8%	0.5%	0.6%	40.0%
CS				8,119	37	14	2.5%	3.9%	4.3%	37.8%
CSC				0	6	2	0.0%	0.6%	0.6%	0.0%
CEDA				0	16	6	0.0%	1.7%	1.9%	37.5%
DEI				1,822	3	0	0.6%	0.3%	0.0%	0.0%
Educ				3,183	5	2	1.0%	0.5%	0.6%	40.0%
EMC				3,421	9	2	1.0%	0.9%	0.6%	22.2%
ED				9,296	33	10	2.8%	3.5%	3.1%	30.3%
EMB				8,677	26	11	2.6%	2.7%	3.4%	42.3%
EP				2,415	7	3	0.7%	0.7%	0.9%	42.9%
GRS				5,033	19	5	1.5%	2.0%	1.5%	26.3%
IA				9,518	23	8	2.9%	2.4%	2.5%	34.8%
IE				9,150	33	12	2.8%	3.5%	3.7%	36.4%
IM				3,588	4	2	1.1%	0.4%	0.6%	50.0%



## Evaluated in 2023 for Elevation on 1 January 2024

Society/Council				Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
IT				3,372	9	5	1.0%	0.9%	1.5%	55.6%
ITS				2,351	4	2	0.7%	0.4%	0.6%	0.0%
MAG				2,442	10	5	0.7%	1.1%	1.5%	50.0%
IMTT				10,682	28	12	3.2%	3.0%	3.7%	42.9%
NANO				0	10	3	0.0%	1.1%	0.9%	30.0%
NPS				2,656	7	2	0.8%	0.7%	0.6%	28.6%
OE				1,633	1	0	0.5%	0.1%	0.0%	0.0%
PEL				9,864	19	9	3.0%	2.0%	2.8%	47.4%
PE				29,391	92	29	8.9%	9.7%	9.0%	31.5%
PC				505	0	0	0.2%	0.0%	0.0%	0.0%
PHOT				6,291	37	10	1.9%	3.9%	3.1%	27.0%
PSE				702	1	1	0.2%	0.1%	0.3%	0.0%
RFID				0	0	0	0.0%	0.0%	0.0%	0.0%
RL				1,522	3	1	0.5%	0.3%	0.3%	33.3%
RA				11,807	24	9	3.6%	2.5%	2.8%	37.5%
SEN				0	10	3	0.0%	1.1%	0.9%	30.0%
SP				15,595	56	21	4.7%	5.9%	6.5%	37.5%
SIT				1,393	0	0	0.4%	0.0%	0.0%	0.0%
SSC				10,218	17	4	3.1%	1.8%	1.2%	23.5%
SMC				4,533	18	5	1.4%	1.9%	1.5%	27.8%
SysC				0	3	0	0.0%	0.3%	0.0%	0.0%
TEM				2,330	1	0	0.7%	0.1%	0.0%	0.0%
UFFC				2,014	4	2	0.6%	0.4%	0.6%	50.0%
VT				5,764	23	9	1.8%	2.4%	2.8%	39.1%

# Evaluated in 2022 for Elevation on 1 January 2023

Total Voting Membership:	327,797
Number of Fellows	8,103
Total Nominations Received	994
Total Nominees Elevated	319
% success	32.1%

## IEEE Statistics 2022 Evaluations for Fellow Class 2023

	Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
Regions 1-6 (U.S.)	142,099	398	143	43.3%	40.0%	44.8%	35.9%
Region 7 (Canada)	13,093	47	15	4.0%	14.7%	4.7%	31.9%
Region 8 (Europe, Mid East, Africa)	59,450	204	74	18.1%	20.5%	23.2%	36.3%
Region 9 (Latin America)	10,188	8	0	3.1%	0.8%	0.0%	0.0%
Region 10 (Asia and Pacific)	102,967	337	87	31.4%	33.9%	27.3%	25.8%
Total	327,797	994	319	100.0%	100.0%	100.0%	32.1%

Society/Council	Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
AES	4,781	12	4	1.5%	1.2%	1.3%	33.3%
AP	8,926	33	9	2.7%	3.3%	2.8%	27.3%
BIO	0	4	1	0.0%	0.4%	0.3%	25.0%
BT	1,375	2	1	0.4%	0.2%	0.3%	50.0%
CAS	9,900	31	8	3.0%	3.1%	2.5%	25.8%
COMM	26,353	118	34	8.0%	11.9%	10.7%	28.8%
CIS	7,537	26	5	2.3%	2.6%	1.6%	19.2%
COMP	36,696	142	52	11.2%	14.3%	16.3%	36.6%
CTS	2,564	4	2	0.8%	0.4%	0.6%	50.0%
CS	8,037	29	9	2.5%	2.9%	2.8%	31.0%
CSC	0	2	1	0.0%	0.2%	0.3%	0.0%
CEDA	0	18	6	0.0%	1.8%	1.9%	33.3%
DEI	1,808	4	1	0.6%	0.4%	0.3%	25.0%
Educ	3,233	5	0	1.0%	0.5%	0.0%	0.0%
EMC	3,363	4	1	1.0%	0.4%	0.3%	25.0%
ED	9,018	39	12	2.8%	3.9%	3.8%	30.8%
EMB	8,582	35	11	2.6%	3.5%	3.4%	31.4%
EP	2,336	4	1	0.7%	0.4%	0.3%	25.0%
GRS	5,274	22	4	1.6%	2.2%	1.3%	18.2%
IA	9,682	28	8	3.0%	2.8%	2.5%	28.6%
IE	8,675	27	11	2.6%	2.7%	3.4%	40.7%
IM	3,661	5	2	1.1%	0.5%	0.6%	40.0%

## Evaluated in 2022 for Elevation on 1 January 2023

<b>Society/Council</b>	<b>Voting Membership</b>	<b>Nominations Received</b>	<b>Nominees Elevated</b>	<b>% of Total Voting Membership</b>	<b>% of Total Nominations Received</b>	<b>% of Total Nominees Elevated</b>	<b>% Success</b>
IT	3,616	13	5	1.1%	1.3%	1.6%	38.5%
ITS	2,370	7	2	0.7%	0.7%	0.6%	0.0%
MAG	2,544	12	5	0.8%	1.2%	1.6%	41.7%
MTT	10,459	20	7	3.2%	2.0%	2.2%	35.0%
NANO	0	9	4	0.0%	0.9%	1.3%	44.4%
NPS	2,714	11	4	0.8%	1.1%	1.3%	36.4%
OE	1,666	5	2	0.5%	0.5%	0.6%	0.0%
PEL	8,948	13	6	2.7%	1.3%	1.9%	46.2%
PE	30,882	79	18	9.4%	7.9%	5.6%	22.8%
PC	493	0	0	0.2%	0.0%	0.0%	0.0%
PHOT	6,127	42	17	1.9%	4.2%	5.3%	40.5%
PSE	718	1	0	0.2%	0.1%	0.0%	0.0%
RFID	0	1	0	0.0%	0.1%	0.0%	0.0%
RL	1,517	7	4	0.5%	0.7%	1.3%	57.1%
RA	11,725	43	16	3.6%	4.3%	5.0%	37.2%
SEN	0	7	3	0.0%	0.7%	0.9%	42.9%
SP	16,131	51	20	4.9%	5.1%	6.3%	39.2%
SIT	1,462	0	0	0.4%	0.0%	0.0%	0.0%
SSC	10,169	28	6	3.1%	2.8%	1.9%	21.4%
SMC	4,904	16	4	1.5%	1.6%	1.3%	25.0%
SysC	0	2	1	0.0%	0.2%	0.3%	50.0%
TEM	2,588	3	0	0.8%	0.3%	0.0%	0.0%
UFFC	2,027	9	5	0.6%	0.9%	1.6%	55.6%
VT	5,596	21	7	1.7%	2.1%	2.2%	33.3%



Total Voting Membership:	328,666
Number of Fellows	7,727
Total Nominations Received	1029
Total Nominees Elevated	311
% success	

# IEEE Statistics

## 2021 Evaluations for Fellow Class 2022

	Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
Regions 1-6 (U.S.)	148,010	433	152	45.0%	42.1%	48.9%	35.1%
Region 7 (Canada)	13,664	44	12	4.2%	14.1%	3.9%	27.3%
Region 8 (Europe, Mid East, Africa)	59,383	221	74	18.1%	21.5%	23.8%	33.5%
Region 9 (Latin America)	10,158	13	1	3.1%	1.3%	0.3%	7.7%
Region 10 (Asia and Pacific)	97,451	318	72	29.7%	30.9%	23.2%	22.6%
Total	328,666	1029	311	100.0%	100.0%	100.0%	30.2%

Society/Council	Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
AES	4,621	20	5	1.4%	1.9%	1.6%	25.0%
AP	8,762	28	7	2.7%	2.7%	2.3%	25.0%
BIO	0	3	0	0.0%	0.3%	0.0%	0.0%
BT	1,445	3	2	0.4%	0.3%	0.6%	66.7%
CAS	10,040	30	9	3.1%	2.9%	2.9%	30.0%
COMM	27,331	117	38	8.3%	11.4%	12.2%	32.5%
CIS	7,539	30	10	2.3%	2.9%	3.2%	33.3%
COMP	38,939	155	47	11.8%	15.1%	15.1%	30.3%
CTS	2,224	6	1	0.7%	0.6%	0.3%	16.7%
CS	8,077	40	13	2.5%	3.9%	4.2%	32.5%
CSC	0	3	1	0.0%	0.3%	0.3%	0.0%
CEDA	0	16	6	0.0%	1.6%	1.9%	37.5%
DEI	1,854	5	2	0.6%	0.5%	0.6%	40.0%
Educ	3,232	7	2	1.0%	0.7%	0.6%	28.6%
EMC	3,409	6	2	1.0%	0.6%	0.6%	33.3%
ED	8,958	44	12	2.7%	4.3%	3.9%	27.3%
EMB	7,862	27	11	2.4%	2.6%	3.5%	40.7%
EP	2,276	5	2	0.7%	0.5%	0.6%	40.0%
GRS	3,965	18	1	1.2%	1.7%	0.3%	5.6%
IA	9,777	35	10	3.0%	3.4%	3.2%	28.6%
IE	7,998	31	9	2.4%	3.0%	2.9%	29.0%
IM	3,671	5	1	1.1%	0.5%	0.3%	20.0%

# Evaluated in 2021 for Elevation on 1 January 2022

Society/Council	Voting Membership	Nominations Received	Nominees Elevated	% of Total Voting Membership	% of Total Nominations Received	% of Total Nominees Elevated	% Success
IT	3,166	12	5	1.0%	1.2%	1.6%	41.7%
ITS	2,067	6	2	0.6%	0.6%	0.6%	0.0%
MAG	2,564	11	4	0.8%	1.1%	1.3%	36.4%
MTT	10,558	32	13	3.2%	3.1%	4.2%	40.6%
NANO	0	7	3	0.0%	0.7%	1.0%	42.9%
NPS	2,848	8	2	0.9%	0.8%	0.6%	25.0%
OE	1,710	2	1	0.5%	0.2%	0.3%	0.0%
PEL	8,799	19	8	2.7%	1.8%	2.6%	42.1%
PE	31,101	79	18	9.5%	7.7%	5.8%	22.8%
PC	521	0	0	0.2%	0.0%	0.0%	0.0%
PHOT	5,894	47	12	1.8%	4.6%	3.9%	25.5%
PSE	743	1	0	0.2%	0.1%	0.0%	0.0%
RFID	0	0	0	0.0%	0.0%	0.0%	0.0%
RL	1,485	3	0	0.5%	0.3%	0.0%	0.0%
RA	11,752	3	0	3.6%	0.3%	0.0%	0.0%
SEN	0	7	4	0.0%	0.7%	1.3%	57.1%
SP	16,617	67	24	5.1%	6.5%	7.7%	35.8%
SIT	1,513	1	0	0.5%	0.1%	0.0%	0.0%
SSC	9,798	14	5	3.0%	1.4%	1.6%	35.7%
SMC	4,888	11	1	1.5%	1.1%	0.3%	9.1%
SysC	0	5	0	0.0%	0.5%	0.0%	0.0%
TEM	2,715	4	0	0.8%	0.4%	0.0%	0.0%
UFFC	2,081	14	6	0.6%	1.4%	1.9%	42.9%
VT	4,999	18	1	1.5%	1.7%	0.3%	5.6%



# Myth #3

- IEEE Fellow recognition is for those publishing a lot of papers. For those in industry or government not allowed to publish, there is no chance of becoming an IEEE Fellow.
- No! That's why there are 5 categories of Fellow nomination:
  - Research Engineer/Scientist (RE/S)
  - Technology Innovator (TI, was called AE/P)
  - Technical Leader (TL)
  - Educator (EDU)
  - Standards Contributor (STDC, new)



# Tip #3

- Review the IEEE Fellow Contribution Categories Matrix published in August 2023.
- <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/about/fellows/fellow-committee/ieee-fellow-nomination-contribution-matrix.pdf>

# Evidence of Contribution and Impact

- Evidence of contribution can be research publications, peer-reviewed materials (tutorials, survey papers, position papers, white papers, articles in popular press, internal reports, books, etc.), designs, products, processes, algorithms, systems, and public/industrial contributions, patents, trade secrets, and standards.
- Not only evidence of contribution, but also evidence of its impact (not speculation of impact).
- How significant is the contribution?
- How significant is the impact?

# Myth #4

- Nominees in academia should be nominated in RE/S, and nominees in industry should be nominated in TI.
- No, not necessary. It depends on the contributions. Each case is unique.
- In fact, it is about the contributions made, not about the nominee's employment/position.



# Tip #4

- Nominee (in industry, academia, or government) can have contributions in any of the 5 categories:
- In fact, the new nomination form asks for two individual contributions, and they can be in different categories.
  - Research Engineer/Scientist (RE/S)
  - Technology Innovator (TI, was called AE/P)
  - Technical Leader (TL)
  - Educator (EDU)
  - Standards Contributor (STDC, new)

# Read published information

- Nominators/references/endorsers need to pay attention to information on IEEE Fellow website:  
<https://www.ieee.org/membership/fellows/index.html>
- Tips by past chair Victor Hanna on MTT website:  
<https://mtt.org/fellow-search-committee/>
- I will ask MTT Webmaster to upload this presentation.

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation. Review the sections on this page to learn about the history of the IEEE Fellow grade, the elevation process, and how the program evolved through the years to become the program it is today.

**The Fellow Portal - Electronic Fellow Nomination System is now open for the IEEE Fellow Class of 2025. Please select the 'Nominations' icon below.**

**The nomination deadline is 07 February 2024.**

**If there is a discrepancy about the nomination deadline on a Society or Council website, please note that the deadline is 07 February 2024.**

**On this page:**

- > [IEEE Fellow Directory](#)
- > [Statistics](#)
- > [Committee information](#)

**IEEE Fellow resources**

**NOMINATIONS**  
> Fill out the online nomination form

**GUIDELINES**  
> Find Fellow governance and guides

**S/TC SCORING PROGRAM**  
> Access the S/TC Scoring Program

**FELLOW COMMITTEE SCORING PROGRAM**  
> Access the Committee Scoring Program

**FAQs**  
> View all frequently asked questions



## IEEE Fellow Guidelines

### Governance

- > [IEEE Bylaws](#) (PDF, 2 MB)
- > [Fellow Committee Operations Manual \(Effective October 2023\) - NEW](#) (PDF, 708 KB)

### User Guides

- > [Nomination Quick Help Guide](#)
- > [Sample Nomination Form](#)
- > [Reference Quick Help Guide](#)
- > [Sample Reference Form](#)
- > [Endorsement Quick Help Guide](#)
- > [Sample Endorsement Form](#)
- > [IEEE Fellow Contribution Categories Matrix - NEW](#)

### Operational Guides

Fellow Committee Handbook - **Updates Pending**

Society/Council Fellow Evaluating Committee Handbook - **Updates Pending**

## Fellow Program FAQs

Related Information



### Nominator/Nominee FAQs

Learn more about several aspects of the IEEE Fellow Program by reviewing the information below. Please download the [IEEE Fellow Program brochure](#). If you have any questions, please contact [fellows@ieee.org](mailto:fellows@ieee.org).

- > [Nominator/Nominee FAQs - Updated](#) (PDF, 166 KB)

### Society and Council FAQs

These FAQs were developed to help Societies and Councils navigate the implementation of the IEEE Board approved recommendations. Please refer to the [Society and Council FAQs](#) for additional information.

- > [Society and Council FAQs - New](#) (PDF, 164 KB)

# Additional Tips

- Nomination form: 1<sup>st</sup> individual contribution and impact, 2<sup>nd</sup> individual contribution and impact, and their verifiable evidence.
  - **Contributions need time to show impacts.**
- Nomination narratives should match well with the category.
  - Choose proper category (RE/S, TI, TL, EDU, STDC).
- All references and endorsements need to show very strong support.
  - Endorsements are optional, but they should show strong support if included.
- Avoid last minute rush, typos, formatting issues, missing endorsement/reference, etc.

# Very Important Rules

- FEC members cannot discuss any nomination and evaluation outside the committee.
- However, FSC members can help nominations.
- “There shall be neither collaboration nor exchange of any information related to the Nominations referred to a S/TC between the S/TC-FEC and any other committee in its or other S/TCs, such as for example Technical Committees or Fellow Search Committees... No person external to the S/TC-FEC shall receive information on the Nominees or provide input of any kind to the S/TC-FEC.” (Society/Technical Council Fellow Evaluating Committee Handbook, Section 5).



# FSC would like to help!

- Point of Contact: Jenshan Lin, [jenshan@ieee.org](mailto:jenshan@ieee.org)
- One-on-one online meeting can be scheduled.
- I use Zoom, WebEx, Teams.

# Q&A

# Questions?

# Backup slides



# Slide from FEC AdCom report

## Statistics of 2020-2023 MTT-S Fellow Nominations and Evaluations

OVERALL					NOMINATED						ELEVATED						SUCCESS RATE PER CATEGORY					
Year	Nominated	Elevated	Success Rate	Fellow Class	RES	TI (AEP)	TL	ED	STD	Women	RES	TI (AEP)	TL	ED	STD	Women	RES	TI (AEP)	TL	ED	STD	Women
2020	31	4	12.9%	2021	21	5	3	2		3	2	0	2	0		0	10%	0%	67%	0%		0%
2021	32	13	40.6%	2022	25	4	2	1		2	1	1	1	0		2	44%	25%	50%	0%		100%
2022	20	7	35.0%	2023	16	2	2	0		1	5	0	1	0		0	38%	0%	50%			0%
2023	28	12	42.9%	2024	23	3	1	1	0	0	10	2	0	0	0	0	43%	67%	0%	0%		

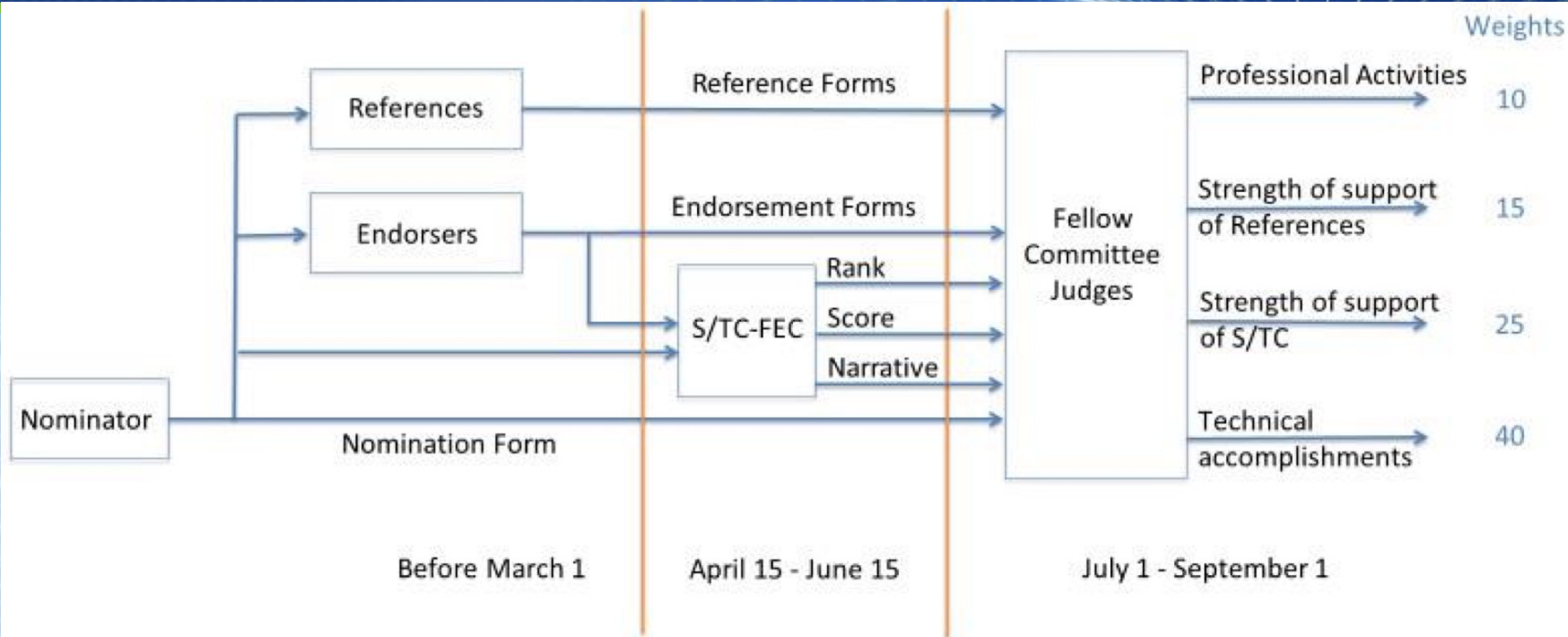
RES: Research Engineer/Scientist

TL: Technical Leader

ED: Educator

TI (AEP): Technology Innovator (former Application Engineer/Practitioner)

STD: Standards Contributor



**Figure 1: Overview of the Fellow process.**

<https://www.ieee.org/content/dam/ieee-org/ieee/web/org/about/fellows/fellows-evaluators-judges.pdf>

This chart from 2018 is being updated, but still helps.