

# Senior Member Drive

IEEE PES General Meeting

Vancouver, Canada

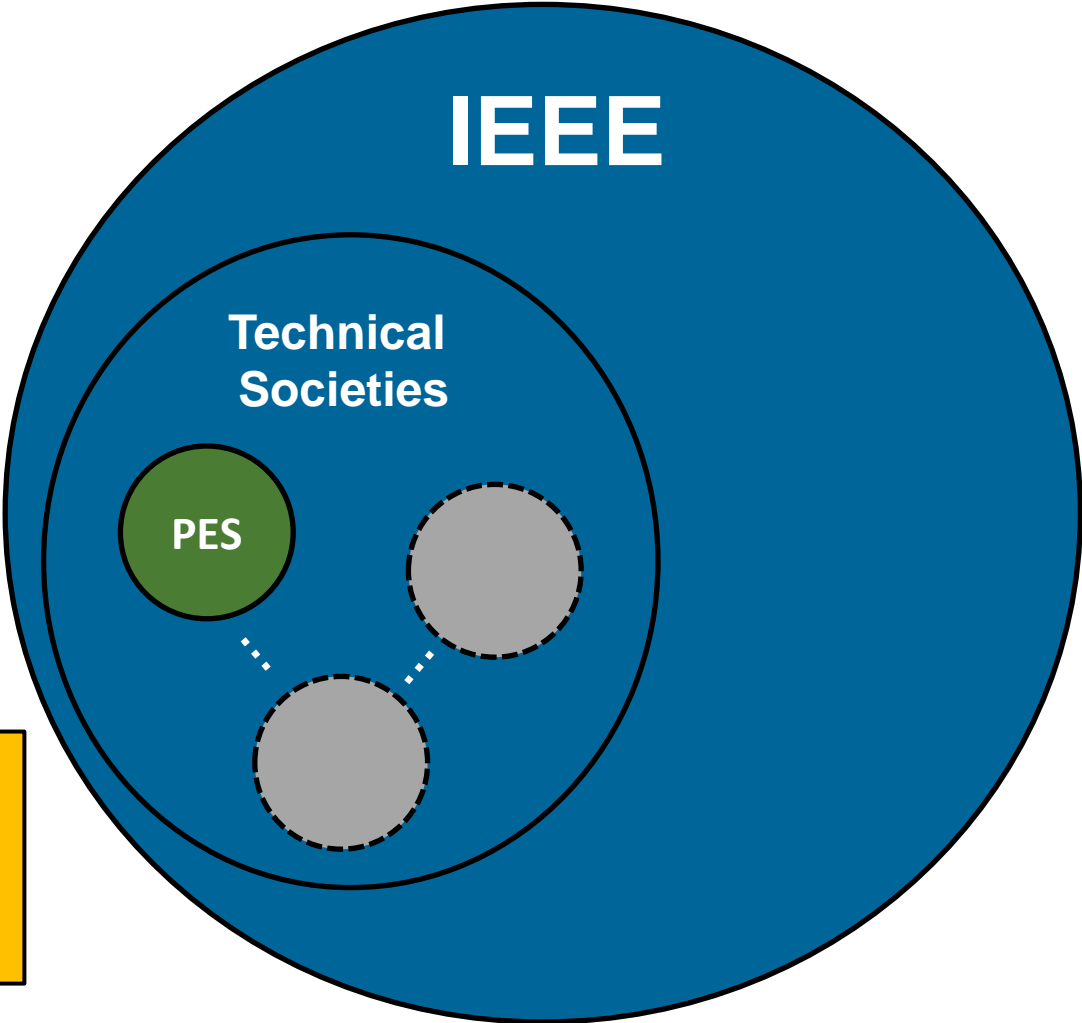
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Dr. Henry Louie

IEEE PES VP of Membership & Image

# Overview

- What is Senior Membership?
- Senior Member Requirements
- Application Process
- Finding References



**PES is one of  
38 Technical  
Societies  
within IEEE**

Membership Benefits



Membership Dues



Membership Dues



Membership Benefits

**IEEE PES Member**

\*Exception: PES Affiliate Members are not receive IEEE members

# Membership Grades

- Affiliate: PES member, but not IEEE member
- Student: high school, undergraduate
- Graduate Student: graduate
- Member: majority of PES members
- Senior: 10+ years of experience
- Fellow: significant achievement
- Life: 65 years old, and age + years of membership = 100 or more
- Life-Fellow: Life Members that are Fellows

| <b>IEEE Current Grade Description</b> | <b>Count of Members</b> | <b>Percent</b> |
|---------------------------------------|-------------------------|----------------|
| <b>Affiliate</b>                      | <b>258</b>              | <b>0.88</b>    |
| <b>Associate Member</b>               | <b>576</b>              | <b>1.96</b>    |
| <b>Fellow</b>                         | <b>301</b>              | <b>1.03</b>    |
| <b>Graduate Student Member</b>        | <b>2070</b>             | <b>7.06</b>    |
| <b>Life Fellow</b>                    | <b>372</b>              | <b>1.27</b>    |
| <b>Life Member</b>                    | <b>1232</b>             | <b>4.20</b>    |
| <b>Life Senior</b>                    | <b>1105</b>             | <b>3.77</b>    |
| <b>Member</b>                         | <b>17833</b>            | <b>60.79</b>   |
| <b>Senior Member</b>                  | <b>3276</b>             | <b>11.17</b>   |
| <b>Student Member</b>                 | <b>2314</b>             | <b>7.89</b>    |

# Senior Membership

- Natural progression of membership
- Judged an IEEE Admission and Advancement (A&A) Review Panel
  - IEEE, not PES, though PES members can be part of the panel
  - Meets 8-10 times per year
- Approx. 8% of IEEE members, and about 11% of PES members

# Senior Member Benefits

- **Recognition:** The professional recognition of your peers for technical and professional excellence.
- **Senior member plaque:**
- **US\$25 coupon:** IEEE will recognize all newly elevated Senior members with a coupon worth up to US\$25. This coupon can be used to join one new IEEE society. The coupon expires on 31 December of the year in which it is received.
- **Letter of commendation:** A letter of commendation will be sent to your employer on the achievement of Senior member grade (upon the request of the newly elected Senior member).
- **Announcements:** Announcement of elevation can be made in section/society and/or local newsletters, newspapers and notices.
- **Leadership Eligibility:** Senior members are eligible to hold executive IEEE volunteer positions.
- **Ability to refer other candidates:** Senior members can serve as a reference for other applicants for senior membership.
- **Review panel:** Senior members are invited to be on the panel to review senior member applications.
- **US\$25 referral coupon:** Newly elevated Senior members are encouraged to find the next innovators of tomorrow and invite them to join IEEE. Invite them to join and the new IEEE member will receive \$25 off their first year of membership.



# Criteria:

1. a candidate shall be an engineer, scientist, educator, technical executive or originator in IEEE-designated fields.
2. candidates shall have been in professional practice for at least ten years.
3. candidates shall have shown significant performance over a period of at least five of those years.
4. In addition, candidates for Senior Member grade must supply three references from current IEEE members holding the grade of Fellow, Senior Member, or Honorary Member.

# 1. IEEE Designated Fields

- Engineering
- Computer sciences and information technology
- Physical sciences
- Biological and medical sciences
- Mathematics
- Technical communications, education, management, law and policy

## 2. Ten Years of Experience

- A&A Panel counts the years you have been in professional practice.
- Time working and attending school at the same time will be counted either as work experience OR education experience.
- Your educational experience is credited toward that time as follows:
  - three years for a baccalaureate degree in an IEEE-designated field;
  - four years if you hold a baccalaureate and masters degree;
  - five years if you hold a doctorate.

# 3. Five Years of Significant Performance

- What is “Significant Performance”?
- Substantial job responsibilities such as team leader, task supervisor, engineer in charge of a program or project, engineer or scientist performing research with some measure of success (papers), or faculty developing and teaching courses with research and publications.

# 3. Five Years of Significant Performance Examples

- Substantial engineering, responsibility or achievement
- Publication of engineering or scientific papers, books, or inventions
- Technical direction or management of important scientific or engineering work with evidence of accomplishment
- Recognized contributions to the welfare of the scientific or engineering profession
- Development or furtherance of important scientific or engineering courses that fall within the IEEE designated fields of interest
- Contributions equivalent to those of the above in such areas as technical editing, patent prosecution or patent law, provided these contributions serve to advance progress substantially in IEEE designated fields
- Significant performance that would serve to qualify an individual for elevation to Senior Member need not have occurred in the years immediately prior to the application. Thus, life and retired members are eligible for elevation.

# Case 1

An applicant/nominee has a bachelor's degree and seven additional years of professional experience beyond graduation in an area encompassed by one of IEEE's technical Societies, which meets the requirement of ten years of professional experience. Significant performance can be demonstrated by describing substantial job responsibilities (e.g., team leader) for a period of at least five years.

**Result: All criteria are satisfied and the application is Approved**

## Case 2

Same as Case 1, except that the applicant/nominee worked in industry for one year following graduation with the bachelor's degree and then was a full-time graduate student for two years, obtaining a masters degree. The applicant demonstrates significant performance during another five years in industry.

**Result: All criteria are satisfied and the application is Approved**

# Case 3

An applicant/nominee has bachelor, masters, and doctoral degrees in an IEEE-designated field. Five years of significant performance in academia, industry, or government beyond the doctoral degree are demonstrated (e.g., a faculty member with five years beyond the doctorate and promotion to associate professor).

**Result: All criteria are satisfied and the application is Approved**



# Case 4

An applicant/nominee has no degree and has worked for many years in the electric industry as a technician. Ten years ago, he accepted an engineering level position and continued with it since that time. Included was a period of at least five years with demonstrated significant performance.

**Result: All criteria are satisfied and the application is Approved**

# Case 5

An applicant/nominee retired some years ago and has not been active recently in the profession. Prior to retirement, the applicant/nominee had at least ten years of professional experience, including five years of significant performance.

**Result: All criteria are satisfied and the application is Approved**

# 4. Three Professional References

- Biggest hurdle to completing application
- Strategies
  - Network!
  - Attend an event at your chapter or section
  - Contact your chapter chair  
(<http://www.ieee-pes.org/pes-communities/chapters>)
  - Use IEEE membernet  
([http://www.ieee.org/membership\\_services/membership/membernet.html](http://www.ieee.org/membership_services/membership/membernet.html))

# Application Process

- Online only:  
([www.ieee.org/membership\\_services/membership/senior/sm\\_index.html](http://www.ieee.org/membership_services/membership/senior/sm_index.html))
- Nominations or self-nominations possible
  - Tip: don't be shy, nominate yourself

# Application Info

## Senior Member Application, Nomination, and Reference Form

[Application Info](#) > [Education](#) > [Present Occupation](#) > [References](#) > [Attachments](#) > [Review/Submit](#)

(\* = Required Field)

\* Is this a Self Nomination?:  Yes  No
 \* Is the nomination a surprise?:  Yes  No

|  |   |
|--|---|
| Member #: <input type="text"/>             | Application Status: Draft               |
| Section: <input type="text"/>              | Region: <input type="text"/>            |
| * First Name: <input type="text"/>         | Grade: <input type="text"/>             |
| Middle Name: <input type="text"/>          | Home Phone: <input type="text"/>        |
| * Last Name: <input type="text"/>          | (Example: +1-xxxx-xxxx-xxxx)            |
| * E-mail: <input type="text"/>             | Business Phone: <input type="text"/>    |
| * Address 1: <input type="text"/>          | (Example: +1-xxxx-xxxx-xxxx)            |
| Address 2: <input type="text"/>            | Fax: <input type="text"/>               |
| Address 3: <input type="text"/>            | Nominator Member #: 41574579            |
| * City: <input type="text"/>               | First/Given Name: Henry                 |
| * Country: <input type="text"/>            | Last/Family Name: Louie                 |
| US State/CA Province: <input type="text"/> | /Surname: <input type="text"/>          |
| Other State/Province: <input type="text"/> | Email: hlouie@ieee.org                  |
| Postal Code: <input type="text"/>          | Membership Grade: Senior Member         |
|  | Nominator's Region: R6                  |
|  | Nominating Entity: <input type="text"/> |

### \* Professional Experience


Please list ten years or more of professional experience, which can include up to a maximum of five years for educational experience. Upload a detailed resume or CV with associated dates. Without a resume or CV, there may not be sufficient information for the review panel to make a favorable decision which could result in your application being denied or deferred. Education and work experience are counted separately and are not double counted. (Use as much space as you need).

### \* Significant Performance

List demonstrated significant performance over a period of at least five years. Years need not be consecutive. It is required that your list of achievements include dates. Significant performance focuses on professional experience following educational experience or between degrees. (Use as much space as you need)

# Education

## Senior Member Application, Nomination, and Reference Form

Application Info 

Education

Present Occupation

References

Attachments

Review/Submit

(\* = Required Field)

\* Highest Level of Education Received:  First Professional Degree  Masters  Doctorate/Ph.D.  N/A

### First Professional Degree Information

\* School Name:

\* School City:

\* Date Started:  

\* Degree Received:

\* Major Course of Study:

\* Date Graduated:  



[Senior Member Application Home](#)

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[Continue to Present Occupation](#)

# Current Occupation

## Senior Member Application, Nomination, and Reference Form


Application Info  Education  **Present Occupation** References Attachments Review/Submit

### Present Occupation

(\* = Required Field)

\* Company:

\* Title:

\* Years Experience:  

\* Phone:

(Example: +1-xxx-xxx-xxxx)

Fax:

Address Line 1:

Address Line 2:

Address Line 3:

City:

US State/Province:  

Other State/Province/Region:

Zip/Postal Code:

\* Country:

### IEEE Designated Fields

IEEE Bylaw I-104.3 set forth the criteria for elevation to Senior Member grade as follows: a candidate shall be an engineer, scientist, educator, technical executive or originator in IEEE-designated fields. Please select the applicable designated fields below. If your current position is not in one of the IEEE designated fields please specify it via "Other".

#### Check all that Apply:

- Engineering
- Computer sciences and information technology
- Physical sciences
- Biological and medical sciences
- Mathematics
- Technical communications, education, management, law and policy
- Other




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# References

## Senior Member Application, Nomination, and Reference Form

Application Info  Education  Present Occupation  **References** Attachments Review/Submit

### References

Obtain the IEEE member number of your reference before completing this step.  
If you do not have this information, your application will be saved in Draft form.  
Please note that references will receive an email notification immediately after you submit this form.  
The email will contain a link to the reference form which will require them to log in to access the form.

You can also provide references with permission to view this application by toggling the selection below.

\* Permit references to view the application?  Yes  No

| Date Created | Member # | Reference | Status | Email | Member Grade |
|--------------|----------|-----------|--------|-------|--------------|
|--------------|----------|-----------|--------|-------|--------------|

[Add Reference](#)

[Senior Member Application Home](#)

[Back to Present Occupation](#)

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# Attachments

## Senior Member Application, Nomination, and Reference Form

Application Info ⚠ Education ⚠ Present Occupation ⚠ References ⚠ **Attachments** Review/Submit

### Attachments

Guidelines: Attachment file should be in .doc, .pdf, .xls, .docx, .xlsx, .tif, .tiff, .rtf, or .txt format.  
The maximum file size allowed is 3MB.

› [Add Attachment](#)

› [Senior Member Application Home](#)

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[Continue to Review/Submit](#)

# Tips

- Upload a resume or CV to your application.
- Highlight areas of your experience that go toward meeting the requirement for **five years of significant performance**, not routine job responsibilities.
- Include **relevant dates** of your professional and educational experience.
- Many applications rejected due to missing relevant dates and details associated with their background, or from a failure to properly document those specific activities that meet the significant performance requirement
- Make it clear from your documentation that you meet all the requirements.

# Tips

- References must be active members and hold the grade of IEEE Senior member or Fellow.
- Best if references know you personally or professionally; but it is not required.
- Contact the individuals you have selected to serve as your references early.
- Ask references for their member number and send them your CV/resume
- Follow up with them!

# Tips for References

- Ask the applicant for resume or CV on which to base your recommendation.
- It is not required that you know the applicant personally
- You will receive an email with instructions on completing reference form
- The Review Panel rely heavily on the endorsement and comments provided by the reference.
- Review the Senior Member requirements that the applicant has to meet to qualify for IEEE Senior Membership.

# After the Application

- Three Possibilities
  - Approved
  - Deferred
  - Denied

# Denied

- Denied applications can be applied
- Reapply later

# Deferred

- Panel was unable to ascertain whether all the requirements for Senior member grade have been met.
- Asked to submit additional documentation in support of their application. Deferrals can nearly always be avoided by spending some time and effort on the original submission.
- Failure to document the relevant dates of your positions or the details of how your experience is to be considered "significant" are frequent reasons that applications are deferred.

# Approved

- Approximately six weeks after approval, successful applicants will receive, via surface mail, a formal letter confirming their grade elevation, along with a wood-and-bronze engraved commemorative plaque and a voucher for up to US\$25, which can be used to join a new IEEE Society of their choice.



# Questions?

- Contacts:
  - [senior-member@ieee.org](mailto:senior-member@ieee.org)
  - [hlouie@ieee.org](mailto:hlouie@ieee.org)

# Resources

- Resources
  - [www.ieee.org/membership\\_services/membership/senior/index.html](http://www.ieee.org/membership_services/membership/senior/index.html)
  - [www.ieee-pes.org](http://www.ieee-pes.org)

A COPY OF THESE SLIDES AVAILABLE AT  
[www.ieee-pes.org/pes-communities/membership-grades/senior-members](http://www.ieee-pes.org/pes-communities/membership-grades/senior-members)