



The Minerals, Metals & Materials Society

Division Council Functional Committee Representative Position

5700 Corporate Drive Suite 750 | Pittsburgh, PA 15237 USA | P: (724) 776-9000 | F: (724) 776-3770 | www.tms.org

Information on Division Council Functional Committee Representative Positions

Current as of July 9, 2020

Those who serve on a TMS division council in the position of a functional committee representative serve a concurrent full membership on the functional committee as well, and act as a liaison between the two member groups. Membership on the functional committee is contingent upon maintaining active service on the division council. For more information, please contact **Joni Gregg**, Technical Divisions & Executive Administrator, at jgregg@tms.org.

Division Council Membership Information/Responsibilities

- Full voting representative position on the division council
- Term length will match that of the functional committee position
- Attend all meetings, either in person or via teleconferencing. Failure to do so may result in removal from council and, subsequently, the functional committee. Generally, in-person meetings are held during the TMS Annual Meeting and MS&T (MPMD and SMD). Teleconferences are additionally held once or twice per year.
- Participate in all council business and activities
- Report relevant functional committee activities to council and division members (in person during meeting and by submitting an annual Functional Committee Report for inclusion with council meeting minutes.

Functional Committee Membership Information/Responsibilities

- Full voting member or member-at-large position on the committee
- Serve a two- or three-year term, as noted in the committee bylaws
- Attend all meetings, either in person or via teleconferencing. Generally, in-person meetings are held during the TMS Annual Meeting and MS&T. Teleconferences are additionally held once or twice per year.
- Participate in all committee business and activities
- Communicate to committee any questions/concerns from the council related to committee activities

Functional Committee Mission Statements and Experience/Skill Sets Desired

Content Development and Dissemination Committee (three-year term)

The purpose of the Content Development and Dissemination Committee is to collaboratively guide and support TMS initiatives and programs related to the development of content and its delivery via any form of media. Additionally, the committee seeks to grow content-related revenue opportunities and to protect and build the TMS brand as a provider of content to the science and engineering community. Interest in and general knowledge of TMS publishing activities, including journals and conference proceedings, is essential. Experience as an author and/or reviewer for at least one TMS publication is helpful.

Education Committee (three-year term)

The TMS Education Committee consists of individuals representing academia, government, and industry who are interested in the preparation of future professionals for the minerals, metals, and materials field. Specifically, the committee is involved with materials science & engineering education (university level); outreach programs and the distribution of career information (pre-university level); textbook, software, and other educational resource development; review of educational project proposals to the TMS Foundation; and cooperation with other societies and committees who share these areas of interest. Knowledge of the university-level education process is helpful. The committee works on both projects that are ongoing year to year and those that are new and short-term. They develop ideas for new projects to improve curricular effectiveness. There is ongoing committee interest in projects that strengthen workforce preparation, especially in relation to industry needs. They organize a symposium at MS&T and identify and invite possible speakers and mentor students to organize a symposium at the TMS Annual Meeting. Additionally, they research and/or write articles for *JOM: The Magazine*.

Industrial Advisory Committee (three-year term)

The Industrial Advisory Committee is charged with increasing and enhancing the engagement of industrial members and companies in TMS. The committee will develop, coordinate, and help implement Society activities including (but not limited to) conferences, publications, professional development, and volunteerism. Committee members should have first-hand knowledge of the corporate barriers and challenges that inhibit industrial members from fully participating in TMS initiatives. The committee will help identify the needs of a wide range of our industrial members, while providing detailed recommendations and tactics for enhancing or developing TMS initiatives to address those needs and barriers.

Membership & Student Development Committee (three-year term)

It is the responsibility of the Membership & Student Development Committee to oversee the development and implementation of a comprehensive membership recruitment program (including the recruitment and consideration of international members), to encourage members to renew their memberships annually; to periodically review the membership criteria and eligibility requirements; to review the Society's dues structure and make recommendations to the board; to oversee the creation and administration of meaningful student programs; to represent the Society's interests with the

Material Advantage Committee; to oversee the Young Professionals Committee; and to develop meaningful products and services. Committee members should be willing to act as a membership ambassador. Membership recruitment and retention should be a focus. Additionally, committee members must be committed to student and young professional programs and express a willingness to judge award applications.

Professional Development Committee (two-year term)

The Professional Development Committee will provide strategic leadership for professional development program activities that address the needs of minerals, metals, and materials professionals. The committee's responsibilities encompass both technical and non-technical professional development programs as well as certifications through a variety of delivery formats, including in-person courses, webinars, and one-on-one mentoring activities. Committee members should have an active interest in continuing education programs, particularly in support of industry professionals.

Program Committee (three-year term)

The Program Committee will plan, coordinate, execute, monitor, and support short (1-2 year) and long-term (3-10 year) TMS programming in the technical areas encompassed by the five technical divisions of the Society. It reviews programming policy and recommends appropriate changes to the TMS Board of Directors. Committee members review symposium proposals for the TMS Annual Meeting & Exhibition and seek to reduce overlap, to encourage collaboration and to reduce no-shows from the program. They should have experience in the roles of presenter and organizer; participation in a technical committee is also encouraged. Additionally, they serve as informal liaisons between program participants and the committee, so participation in conferences (both TMS-sponsored and other) is helpful.

Public & Governmental Affairs Committee (three-year term)

The Public & Governmental Affairs Committee actively promotes the economic and environmental importance of materials research and development to both the public and government. It reviews and recommends appropriate plans for more effective representation of the Materials Community in related public and governmental affairs, provides technical resources and information to appropriate agencies and Congress, provides guidelines for the TMS relationship with other societies and umbrella organizations (such as FMS, AAES, etc.), provides inputs to the TMS president regarding policy issues and position papers, and plans for techno-informational sessions on materials-related issues and initiatives. Committee members should actively promote, to both the public and government, the economic and environmental importance of materials research and development. The committee will plan, coordinate, execute, monitor, and support the TMS role and mission in public and governmental affairs. It reviews and recommends appropriate plans for more effective representations of the Materials Community in related public and governmental affairs. Interest in the role of science in policy is essential. Familiarity with the federal legislative process is helpful. Committee members identify and/or comment on legislative issues of importance to the materials science community, provide opinions on whether legislation and issues are of relevance to the materials community, and prepare or review position statements and talking points for Congressional visits.

Other Positions

Diversity, Equity & Inclusion Committee*

The TMS Diversity, Equity & Inclusion (DEI) Committee advises the Membership & Student Development Committee in the establishment of strategic objectives related to increasing underrepresented minority participation in the Society. In this role, the DEI Committee explores, recommends, and/or implements approaches to encourage diverse groups of minerals, metals, and materials scientists and engineers to participate in and become leaders within the Society. The DEI Committee also serves as a forum for the discussion of specific issues related to diversity, equity, and inclusion in science and engineering; promotes the recognition of underrepresented minority scientists and engineers; provides a means for increasing the participation of diverse groups in the Society and the minerals, metals, and materials sciences and engineering fields through sponsorship of events and activities; and publishes papers, articles, and reports pertinent to the DEI Committee's area of interest.

International Liaison (three-year term)**

This liaison helps to coordinate efforts with professional societies outside of TMS. Right now, the Liaison is on the North American Extractive Metallurgical Council (NAEMC), which includes TMS; The Metallurgy and Materials Society (MetSoc) of the Canadian Institute of Mining, Metallurgy and Petroleum (CIM); and the Society for Mining, Metallurgy & Exploration (SME). That group meets once or twice a year either in person (at the TMS annual meeting) or by phone.

Materials Innovation Committee (two-year term)***

The Materials Innovation Committee is charged with implementing the strategic direction provided by and making recommendations to the Board of Directors in the area of Materials and Manufacturing Innovation as guided by the most current goals of the TMS Strategic Plan. The committee will coordinate society activities to make materials and manufacturing innovation elements more pervasive in the society. This position is held concurrently by the sitting ICME Committee chair.

Nominations and Awards Committee Chair (three-year term)

The chair of the Nominations and Awards Committee oversees the voting process of Society and Division award nominations in accordance with the division bylaws. This includes the selection of four to six committee members who will serve a one-year term each year of their term.

Senior Advisor (three-year term)**

This position provides to the Council consultation, as needed, by tenured TMS and division members.

*Currently, only the FMD Council has this committee representative position.

**Currently, only the EPD Council has this position.

***Currently, only the MPMD Council has this committee representative position.