

**SCHOOL OF MATERIALS SCIENCE AND ENGINEERING**  
**FACULTY ADMINISTRATIVE & COMMITTEE ASSIGNMENTS (2020–2021)**

<p><b>FACULTY ADVISORY COMMITTEE (FAC)</b></p> <ul style="list-style-type: none"> <li>• Serve as focal point for faculty participation and input with respect to governorship of school—its vision, philosophy, and policies, and provide this feedback to the school chair. <i>[Members elected by core faculty to serve on 2–year terms; FAC Chair is elected by its members to serve in that role for 1–year term]</i></li> </ul>	<p><b>Continuing:</b> <u>Kumar (Chair)</u> (19–21), Muhlstein (19–21), Speyer (19–21), Wang, Y. (19–21)  <b>New Members:</b> Correa-Baena (20–22), Garmestani (20–22), Lin (20–22), Shofner (20–22)  <b>Members for 2021–2023 term to be elected during Sep, '21 faculty meeting</b>  <b>Staff:</b> Godard</p>
<p><b>GRADUATE PROGRAM ADMINISTRATION</b></p> <ul style="list-style-type: none"> <li>• Administer graduate (MS and Ph.D) programs in MSE including recruitment, admission, qualifiers, and plan and prepare program assessment documents</li> <li>• Teaching Assignments and review financial support</li> </ul>	<p><u>Singh (Chair)</u>, Gerhardt, Jang, Kacher, Liu (ex–officio), McDowell, M., Speyer, Stebner, Srinivasarao, Tsukruk, Vogel, Wang–Y  <b>Staff:</b> Blackwell &amp; Nelson</p>
<p><b>UNDERGRADUATE PROGRAM ADMINISTRATION</b></p> <ul style="list-style-type: none"> <li>• Administer B.S. program in MSE including undergraduate recruitment, student advising/scheduling, transfer credit, minor, and plan and prepare ABET and other assessment documents</li> <li>• Undergraduate Advisors.</li> <li>• Undergraduate Student Mentoring</li> </ul>	<p><u>Realf (Chair)</u>, Alamgir, Brettmann, Correa–Baena, Garmestani, Jang, Losego, Qin, Shofner, Speyer, Yao, Liu (ex–officio)  <b>Staff:</b> Washington, Manchester, Wallaert  <b>Freshman:</b> Shirley Manchester  <b>Recruiting/Outreach:</b> Kerry Wallaert  <u>Realf (Chair); Staff:</u> Washington, Manchester, Wallaert</p>
<p><b>COURSE SCHEDULING</b></p>	<p><u>Liu (Chair)</u>, Realf, Singh  <b>Staff:</b> Washington and Williams</p>
<p><b>REAPPOINTMENT, PROMOTION, AND TENURE</b></p> <ul style="list-style-type: none"> <li>• MSE RPT committee responsible for RPT evaluation</li> <li>• CoE RPT Assistant to Associate – MSE Representative</li> <li>• CoE RPT Associate to Full – MSE Representative</li> <li>• CoE Regents – MSE Rep</li> <li>• COE non–tenure track Faculty Promotion</li> <li>• Institute Research Faculty</li> <li>• Institute RPT Committee</li> </ul>	<p><u>Gerhardt (Chair)</u>, Lin, Ramprasad, Singh, Speyer, Stingelin, Yushin; <b>Staff:</b> Kitchings    Qin (19–20)  Yao (20–22)  Tsukruk (19–21)  Gokhale (20–22)  Garmestani (20–22)  Jayaraman (20–22)</p>
<p><b>COMMUNICATIONS AND WEBSITE</b></p> <ul style="list-style-type: none"> <li>• Assist with newsletter and website</li> </ul>	<p>Alamgir, A., Barnes, Miller</p>
<p><b>MSE Diversity, Equity, and Inclusion Council</b></p>	<p>Faculty (Alamgir, F., Kacher, Losego (CoE Rep), Milam, Stingelin); Staff (Buckner, Wallaert, Whitner–Bason); Postdoc/Res. (Verma P., Zhao B (alt)); Grad (Paluskiewicz (USAC), Sandoval); Ugrad (Marchese (USAC), Quiros, Tesi (alt)); Barnes – Communications</p>

<p><b>Creating Resistance to Sexual Harassment (CRSH) Committee</b></p>	<p>Faculty (Losego, Singh, Stingelin, Thadhani); Staff (Barnes, Blackwell, Godard, Miller, Manchester); Postdoc/Res (Kennedy. G), Grad (Marks M, McGuinness), UGrad (Newgent)</p>
<p><b>STRATEGIC PLAN REFRESH &amp; IMPLEMENTATION</b></p> <ul style="list-style-type: none"> <li>Refresh and revise strategic plan to be in sync with COE plan, develop and prioritize strategies for implementation, and define and track measures</li> </ul>	<p><u>Shofner (Chair)</u>, Alamgir, Garmestani, Milam, Stingelin, Vogel; Ex-officio: Liu, Realff, Singh; <i>Staff: Barnes, Buckner</i></p>
<p><b>FACULTY RECRUITMENT &amp; SEARCH</b></p> <ul style="list-style-type: none"> <li>Solicit faculty input, advertise and solicit applications, review packages, identify and invite candidates for interviews, collect evaluations present results and recommendations to faculty</li> </ul>	<p><u>Vogel (Chair)</u>, Kacher, McDowell–M, Jang, Garmestani, Stingelin</p> <p><i>Staff: Kitchings</i></p>
<p><b>ENTREPRENEURSHIP AND INDUSTRY RELATIONS</b></p> <ul style="list-style-type: none"> <li>Entrepreneurship opportunities, best practices, and IP &amp; COI management</li> <li>Establish/assist with methods of interactions with industry to facilitate executive seminars, faculty research collaborations, capstone design projects</li> </ul>	<p><b>Entrepreneurship:</b> <u>Speyer (Chair)</u>, Jayaraman, Kumar, Yushin</p> <p><b>Industry:</b> <u>Jacob (Chair)</u>, Parachuru, Realff, A. Stebner, Speyer, Yushin, Y. Wang, Wong</p> <p><i>Staff: Whitner–Bason</i></p>
<p><b>FACULTY &amp; STAFF AWARDS</b></p> <ul style="list-style-type: none"> <li>Identify internal (GT) and external professional society awards and fellow nominations for faculty and staff, assist with nominations, and preparation of nomination packages</li> <li>MSE Employee Recognition Awards</li> </ul>	<p><u>Liu (Chair)</u>, Tsukruk (GT faculty awards), Lin (ACS), Gokhale (ASM&amp;TMS), Jacob (ASME), Jayaraman (SPIE), Realff (GT–WLC), Srinivasarao (APS), Tsukruk (MRS), Gerhardt (ACerS), Godard (GT Staff)</p> <p><i>Staff: Barnes; Staff: Godard</i></p>
<p><b>FACULTY DEVELOPMENT AND MENTORING</b></p> <ul style="list-style-type: none"> <li>Develop and coordinate opportunities for faculty interactions, strategies for connecting junior and senior faculty on collaborative activities</li> <li>Mentoring plans for junior faculty and assistance with RPT packages</li> </ul>	<p><u>Jang and Alamgir (co–chairs)</u>, Lin, Ramprasad, Garmestani, Tsukruk, Vogel</p> <p><u>McDowell, D and Alamgir (Co–Chairs)</u>, Gerhardt, Kumar, Lin, Ramprasad, Russo, Singh, Stingelin, Tsukruk, Vogel</p> <p><i>Staff: Kitchings</i></p>
<p><b>SEMINARS &amp; PRITCHETT LECTURE</b></p> <ul style="list-style-type: none"> <li>MSE: Development of annual seminar program, administration of student seminar program</li> <li>Pritchett Lecture</li> </ul>	<p><u>Losego (Chair) and Kacher (co–chair)</u>, Brettmann, Cai, Correa–Baena, Jacob, Li, M. McDowell, and Qin</p> <p><i>Staff: Irving</i></p>
<p><b>INSTRUCTIONAL &amp; MILL EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>Tech Fee proposals and upgrade of instructional labs</li> <li>MILL development and equipment acquisition</li> <li>OPAL planning and development</li> </ul>	<p><u>Yao (Tech Fee chair)</u>, Losego, Garmestani, Sharma, Parachuru and Staff: <i>Moss, Garrick</i></p> <p><u>Losego (Mill Chair)</u>, Kacher, Realff, Russo Sharma, Russo (chair), Jacob, Yao, Parachuru</p>

<p><b>SAFETY AND SPACE COMMITTEE</b></p> <ul style="list-style-type: none"> <li>• Conduct space inventory &amp; policies for shared spaces for labs and offices</li> <li>• Coordinate safety training for all students &amp; researchers in MSE, interact with students/researchers and campus safety office to ensure best/safe lab practices, assist with waste disposal and other lab safety operations</li> </ul>	<p><u>Liu (Chair); Parachuru (Safety Program Coord)</u>, Russo–MRDC, Tsukruk–MoSE, Singh–RBI, Muhlstein–BH, Vogel (Marcus), Garmestani (Love)  <i>Staff: Moss, Garrick, Nelson</i></p>
<p><b>FACULTY ADVISORS FOR STUDENT CHAPTERS</b></p> <ul style="list-style-type: none"> <li>• Serve as faculty advisors for student chapters in coordinating activities on campus and professional society meetings in addition to identifying students for respective student society awards.</li> </ul>	<p>Singh (Joint Materials Societies), Lin (ACS), Gerhardt (ACerS, MRS), Yushin (MRS), Singh (ASM/TMS), Speyer (Keramos), Yao (SPE); Brettmann (SPN)  <i>Staff: Godard</i></p>
<p><b>MSE FACULTY REPRESENTATIVE TO INSTITUTE ACADEMIC SENATE, FACULTY ASSEMBLY, &amp; OTHER COMMITTEES</b></p> <ul style="list-style-type: none"> <li>• MSE Rep Academic Senate &amp; General Faculty Assembly</li> <li>• MSE Rep for Library</li> <li>• MSE Rep for EVPR Research Advisory Committee</li> <li>• MSE Rep in General Faculty Assembly</li> <li>• Inst. Undergrad Committee</li> <li>• Inst. Grad Curriculum Committee &amp; X-degree Committee</li> <li>• Inst. Chemical &amp; Environment Safety Committee</li> <li>• Inst. Research Faculty Senate</li> </ul>	<p>Realff  Srinivasarao  Kumar  Alamgir  Singh  Jayaraman  Shofner  Ding Y.</p>
<p><b>TOPICAL WORKING GROUPS</b></p> <ul style="list-style-type: none"> <li>• <b>Functional Materials</b></li> <li>• <b>Soft/Bio Materials</b></li> <li>• <b>Structural Materials</b></li> </ul>	<p><u>Losego (Lead)</u>, Alamgir, Bassiri–Gharab,* Cai, Cola,* Correa–Baena, Dupuis,* Filler,* Gerhardt, Graham,* Jang, Khan,* Liu, Madhavan, M. McDowell, Qin, Ramprasad, Ready,* Vogel, Wilkinson,* Wong, Yushin</p> <p><u>Stingelin (Lead)</u>, Brettmann, Jacob, Jayaraman, Kalaitzidou,* Kumar, Lin, Marder, Milam, Parachuru, Realff, Reynolds, Russo, Shofner, Silva,* Srinivasarao, Stingelin, Temenoff,* Tsukruk, Wang, Y., Wang, B.,* Yao</p> <p><u>Garmestani (Lead)</u>, Das,* Deo,* Gokhale, Kacher, Kalidindi,* Kurtis,* Li, D. McDowell, Muhlstein, Nadler,* Neu,* Singh, Speyer, Stebner, Thadhani, Zhou,* and Zhu*</p>

\*Courtesy/Adjunct appointment in MSE

**MSE FACULTY COMMITTEE ASSIGNMENTS**

ALAMGIR, A: Technical Communications, Director; MSE Website and Communications

ALAMGIR, F: Strategic Plan Refresh & Implementation; Diversity, Equity and Inclusion Council; Undergraduate Program Administration; Faculty Development and Mentoring (Co-Chair); MSE Representative in General Faculty Assembly; (Topical Working Group – Functional Materials)

BASSIRI–GHARAB: (Topical Working Group – Functional Materials)

BRETTMANN: Undergrad Program Administration; Seminars & Pritchett Lecture; Faculty Advisor – SPN; (Topical Working Group – Soft/Bio Materials)

CAI: Seminars & Pritchett Lecture; (Topical Working Group – Functional Materials)

COLA: (Topical Working Group – Functional Materials)

CORREA–BAENA: Faculty Advisory Committee (20-22); Undergraduate Program Administration; Seminars & Pritchett Lecture; (Topical Working Group – Functional Materials)

DAS: (Topical Working Group – Structural Materials)

DEO: (Topical Working Group – Structural Materials)

DING: Inst. Research Faculty Senate

DUPUIS: (Topical Working Group – Functional Materials)

FILLER: (Topical Working Group – Functional Materials)

GARMESTANI: Faculty Advisory Committee (20-22); Faculty Recruitment & Search; Strategic Plan Refresh & Implementation; Undergraduate Program Administration; Faculty Development & Mentoring; Safety and Space Committee – Love; Institute Res Faculty; (Topical Working Group – Structural Materials – Lead)

GERHARDT: Reappointment Promotion and Tenure (RP&T) (Chair), Strategic Plan Refresh & Implementation; Graduate Program Administration; Faculty Development and Mentoring; Faculty & Staff Awards (ACerS); Faculty Advisor – ACerS, MRS; (Topical Working Group – Functional Materials)

GOKHALE: Faculty & Staff Awards (TMS & ASM); CoE non–tenure track Faculty Promotion (20–22); (Topical Working Group – Structural Materials)

GRAHAM: (Topical Working Group – Functional Materials)

JACOB: Seminars & Pritchett Lecture; Faculty & Staff Awards (ASME); Industry Relations (Chair); OPALL; (Topical Working Group – Soft/Bio Materials)

JANG: Faculty Recruitment and Search; Undergraduate Program Administration; Graduate Program Administration; (Topical Working Group – Functional Materials)

JAYARAMAN: Entrepreneurship; Faculty & Staff Awards (SPIE); RPT – Institute RPT Committee (20–22); Inst. Graduate Curriculum and X–Degree Committee; (Topical Working Group – Soft/Bio Materials)

KACHER: Seminars & Pritchett Lecture (co-Chair); Diversity, Equity and Inclusion Council; Faculty Recruitment & Search; Graduate Program Administration; MILL; (Topical Working Group – Structural Materials)

KALAITZIDOU: (Topical Working Group – Soft/Bio Materials)

KALIDINDI: (Topical Working Group – Structural Materials)

KHAN: (Topical Working Group – Functional Materials)

KUMAR: Faculty Advisory Committee (Chair) (19–21); Entrepreneurship; Faculty Development and Mentoring; MSE Rep on EVPR Advisory Comm.; (Topical Working Group – Soft/Bio Materials)

KURTIS: (Topical Working Group – Structural Materials)

LI: Seminars & Pritchett Lecture; (Topical Working Group – Structural Materials)

LIN: Faculty Advisory Committee (20-22); Faculty Development and Mentoring; Awards Committee (ACS); Reappointment Promotion and Tenure (RP&T); Faculty Advisor – ACS; (Topical Working Group – Soft/Bio Materials)

LIU: Course Scheduling (Chair); Strategic Plan Refresh & Implementation (ex-officio); Faculty & Staff Awards (Chair); Graduate and Undergrad Program Administration (ex-officio); Faculty Advisor (ACS); Safety and Space Committee (Chair); (Topical Working Group – Functional Materials)

LOSEGO: Creating Resistance to Sexual Harassment (CRSH) Committee; Undergraduate Program Administration; MSE Diversity, Equity, and Inclusion Council; Seminars & Pritchett Lecture (Chair); MILL (Chair); (Topical Working Group (Lead) – Functional Materials)

MADHAVAN: (Topical Working Group – Functional Materials)

MARDER: (Topical Working Group – Soft/Bio Materials)

McDOWELL, D: Faculty Development & Mentoring (Co-Chair); (Topical Working Group – Structural Materials)

McDOWELL, M: Graduate Program Administration; Faculty Recruitment and Search; Seminars & Pritchett Lecture; (Topical Working Group – Functional Materials)

MILAM: Diversity, Equity and Inclusion Council; Strategic Plan Refresh & Implementation; (Topical Working Group – Soft/Bio Materials)

MUHLSTEIN: Faculty Advisory Committee (19–21); Safety and Space Committee – BH; (Topical Working Group – Structural Materials)

NADLER: (Topical Working Group – Structural Materials)

NEU: (Topical Working Group – Structural Materials)

QIN: Undergraduate Program Administration; CoE RPT Asst to Assoc – MSE Rep (19–20); Seminars & Pritchett Lecture; (Topical Working Group – Functional Materials)

PARACHURU: Safety and Space Committee (Safety Program Coord); Industry Relations; Tech Fee Equipment; OPALL, (Topical Working Group – Soft/Bio Materials)

**September 17, 2020**

RAMPRASAD: Reappointment Promotion and Tenure (RP&T); Faculty Development and Mentoring; (Topical Working Group – Functional Materials)

READY: (Topical Working Group – Functional Materials)

REALFF: Undergrad Program Administration (Chair); Undergraduate Student Mentoring (Chair); Course Scheduling; Strategic Plan & Implementation (ex-officio); Faculty & Staff Awards (GT-WLC); Industry Relations; MILL; MSE Rep Academic Senate & General faculty Assembly; (Topical Working Group – Soft/Bio Materials)

REYNOLDS: (Topical Working Group – Soft/Bio Materials)

RUSSO: Faculty Development and Mentoring; Safety and Space Committee – MRDC; MILL; OPALL (Chair), (Topical Working Group – Soft/Bio Materials)

SHARMA: Instructional Tech Fee Equipment, MILL; Instructional Labs and Tech Fee

SHOFNER: Faculty Advisory Committee (20-22); Strategic Plan Refresh & Implementation (Chair); Undergraduate Program Administration; Institute Chemical and Environmental Safety Comm.; (Topical Working Group – Soft/Bio Materials)

SILVA: (Topical Working Group – Soft/BioMaterials)

SINGH: Graduate Programs Administration (Chair); Course Scheduling; Creating Resistance to Sexual Harassment (CRSH) Committee; Faculty Development and Mentoring; Safety and Space Committee – RBI; Reappointment Promotion and Tenure (RP&T); Strategic Plan Refresh & Implementation (ex-officio); Fac. Advisor – Joint Materials Soc., ASM, TMS; Institute UGC; (Topical Working Group – Structural Materials)

SPEYER: Entrepreneurship (Chair); Faculty Advisory Committee (19–21); Industry Relations; RPT Safety and Space Committee; Reappointment Promotion and Tenure (RP&T); Undergrad Program Administration; Graduate Programs Administration; Faculty Advisor – Keramos; (Topical Working Group – Structural Materials)

SRINIVASARAO: Graduate Programs Administration; Faculty & Staff Awards (APS); MSE Representative for Library; (Topical Working Group – Soft/Bio Materials)

STEBNER: Graduate Program Administration; Industry Relations; (Topical Working Group – Structural Materials)

STINGELIN: Diversity, Equity and Inclusion Council; Creating Resistance to Sexual Harassment (CRSH) Committee; Reappointment Promotion and Tenure (RP&T); MSE RPT Committee; Strategic Plan Refresh & Implementation; Faculty Development and Mentoring; (Topical Working Group (Lead) – Soft/Bio Materials)

TEMENOFF: (Topical Working Group – Soft/Bio Materials)

THADHANI: Creating Resistance to Sexual Harassment (CRSH) Committee; (Topical Working Group – Structural Materials)

TSUKRUK: Graduate Program Administration; Faculty & Staff Awards (MRS & GT Faculty Awards); CoE Regents – MSE Rep (19–21); Safety and Space Committee – MoSE; Faculty Development and Mentoring; (Topical Working Group – Soft/Bio Materials)

**September 17, 2020**

VOGEL: Faculty Recruitment & Search (Chair); Strategic Plan Refresh & Implementation; Faculty Development and Mentoring; Safety and Space Committee – Marcus; Graduate Program Administration; (Topical Working Group – Functional Materials)

WANG, B: (Topical Working Group – Soft/Bio Materials);

WANG, Y: Faculty Advisory Committee (19–21); Graduate Program Administration; Industry Relations; (Topical Working Group – Soft/Bio Materials)

WILKINSON: (Topical Working Group – Functional Materials)

WONG: Industry Relations; (Topical Working Group – Functional Materials)

YAO: CoE RPT Assoc to Full – MSE Rep (20–22); Undergrad Program Administration; Instructional Tech Fee Equipment (Chair); Faculty Advisor – SPE; OPALL, (Topical Working Group – Soft/Bio Materials)

YUSHIN: Faculty Advisor – MRS; Reappointment Promotion and Tenure (RP&T); Entrepreneurship; Industry Relations; (Topical Working Group – Functional Materials)

ZHOU: (Topical Working Group – Structural Materials)

ZHU: (Topical Working Group – Structural Materials)

STAFF

BARNES: Creating Resistance to Sexual Harassment (CRSH) Committee; Diversity, Equity and Inclusion Council; Communications and website; Strategic Plan Refresh & Implementation; Faculty & Staff Awards

BUCKNER: Diversity, Equity and Inclusion Council; Strategic Plan Refresh and Implementation

BLACKWELL: Creating Resistance to Sexual Harassment (CRSH) Committee; Grad Program Administration

GARRICK: Safety and Space Committee; Instructional & MILL Equipment

GODARD: Creating Resistance to Sexual Harassment (CRSH) Committee; Faculty Advisory Committee; Faculty & Staff Awards; Faculty Advisor for Student Chapters

IRVING: Seminars & Pritchett Lectures

KITCHINGS: Reappointment, Promotion & Tenure (RPT); Faculty Recruitment & Search; Faculty Development and Mentoring

MANCHESTER: Creating Resistance to Sexual Harassment (CRSH) Committee; Undergrad Program Administration – Freshman Advisor; Undergraduate Student Mentoring

MILLER: Creating Resistance to Sexual Harassment (CRSH) Committee; Website Update

MOSS: Safety and Space Committee; Instructional & MILL Equipment

NELSON: Grad Program Administration – Recruiting; Safety and Space Committee

WALLAERT: Undergrad Program Administration – Recruiting; Undergraduate Student Mentoring; Diversity, Equity and Inclusion Council

WASHINGTON: Undergrad Program Administration; Undergraduate Student Mentoring; Course Scheduling

WHITNER–BASON: Entrepreneurship and Industry Relations; Diversity, Equity and Inclusion Council

WILLIAMS: Course Scheduling



# MSE TOPICAL WORKING GROUPS (TWGs)

<u>FUNCTIONAL MATERIALS</u>	<u>SOFT/BIO MATERIALS</u>	<u>STRUCTURAL MATERIALS</u>
Alamgir, Faisal	Brettmann, Blair	Das, Suman*
Bassiri-Gharb, Nazanin*	Jacob, Karl	Deo, Chaitanya*
Cai, Wenshan	Jayaraman, Sundaresan	Garmestani, Hamid (LEAD)
Cola, Bara*	Kalaitzidou, Kyriaki*	Gokhale, Arun
Correa-Baena, Juan-Pablo	Kumar, Satish	Kacher, Josh
Dupuis, Russ*	Lin, Zhiqun	Kalidindi, Surya R.*
Filler, Michael*	Marder, Seth*	Kurtis, Kim*
Gerhardt, Rosario	Milam, Valeria	Li, Mo
Graham, Sam*	Parachuru, Krishna	McDowell, David
Jang, Seung Soon	Realff, Mary Lynn	Muhlstein, Christopher
Khan, Asif *	Reynolds, John	Nadler, Jason*
Liu, Meilin	Russo, Paul	Neu, Richard W.*
Losego, Mark (LEAD)	Shofner, Meisha	Singh, Preet M.
Swaminathan, Madhavan	Srinivasarao, Mohan	Speyer, Robert
McDowell, Matt	Stingelin, Natalie (LEAD)	Stebner, Aaron
Qin, Dong	Temenoff, Johnna*	Thadhani, Naresh
Ramprasad, Rampi	Tsukruk, Vladimir	Zhou, Min*
Ready, Jud*	Wang, Youjiang	Zhu, Ting*
Vogel, Eric	Wang, Ben*	<a href="mailto:mse-structural@mse.gatech.edu">mse-structural@mse.gatech.edu</a>
Wilkinson, Angus*	Yao, Donggang	
Wong, C.P.	<a href="mailto:mse-softbio@mse.gatech.edu">mse-softbio@mse.gatech.edu</a>	
Yushin, Gleb		
<a href="mailto:mse-functional@mse.gatech.edu">mse-functional@mse.gatech.edu</a>		*Courtesy/Adjunct Appointment