The Graduate Materials Society keeps members in touch with professional society activities, provides social activities for its membership, and hosts the traditional Materials Lunches every Friday.

Hopefully the snow is far behind us and we can all look forward to the beauty of spring and a whole lot of sunshine!

The most exciting news of the term is the official approval from the MRS Board for the chartering of the CWRU Materials Research Society chapter. More information can be found in the newsletter, including opportunities for MRS members and information on the awards ceremony to be held in San Francisco on Wednesday, April 3rd.

GMS, after unanimously passing some bylaw revisions, has expanded the officer board to both include more individuals in GMS/MRS decision making and to keep the officer duty load low for each volunteer. Nominations for positions will be open through mid-April with elections occurring at the end of the term. Please consider getting involved!

Lots of activities are under way both social and academic. Take a moment to look at our calendar and join fellow colleagues in some camaraderie and support those presenting their work.

Best wishes to everyone on the remainder of spring term!

Sincerely,
Janet Gbur
GMS President

DMSE Happy Hour

Take a break every Friday at 5:00 p.m. and join colleagues for the department happy hour in the USL. Plenty of cold flowing beverages (alcoholic and non-alcoholic) and snacks are on hand!

April 5  Professor Pirouz  April 12  Professor Schwam
April 19  S-DLE Center  April 26  MORE
May 3  SCSAM

Save the Date!

Craft brew masters, Dan Dryden, Henry Neilson and Rich Tomazin will be hosting a brew party on Saturday, May 11. More information will be coming as the date gets closer—mark this one on your calendar as it is sure to be a great time out!!
It is official!! CWRU has been granted a charter for the MRS University Chapter Program!

Heather Lemire, a member of Professor French's research group, will serve as the official chapter delegate to the spring meeting in San Francisco, April 1-5. As a chapter delegate, she will participate in the University Luncheon, attend the President's Meet & Greet, participate in the awards dinner and as part of the new chapter induction ceremony she will join Professor McGuffin—Cawley on stage to receive the chapter certificate from CWRU alumni and MRS Executive Director, Todd Osman, then attend the President's Reception.

Heather will also be presenting a poster on her research entitled, “Degradation of Transparent Conductive Oxides, and the Beneficial Role of Interfacial Layers.”

MRS members may access portions of the spring meeting live through their On Demand account online and many aspects of the meeting will also be freely available to view shortly following the meeting at www.mrs.org. Also to note, in the SDLE lobby reading room, the MRS bulletin is available along with other publications such as Science, C&E News, and Physics Today.

Thank you to the many students and faculty who helped this opportunity become available for CWRU!

Don’t forget to plan for Materials Lunch Fridays in the Undergraduate Student Lounge (USL) on the 3rd floor of White from 12:00 p.m. to 1:00 p.m. The minimum donation per person is $3 (please feel free to donate more as proceeds go toward supporting GMS activities).

A calendar is posted for Materials Lunch signups on the USL door. Please consider signing up as an individual or as a group to serve lunch! It does not have to be fancy. For those that do choose to sign up for a luncheon, GMS will provide the paper products and collect funds at the door. It is up to the individual/group to make flyers for the lunch (if you email a copy to GMS Secretary, Maryam, at mxz157@case.edu she can copy it to the department). Reimbursements can be made for food—please budget appropriately or consider donating your meal. For financial questions, please contact GMS Treasurer, Mohsen, at mxs896@case.edu.

We have had some great lunches so far and many more to come.....

Much thanks to the talented department artists for bringing some fun to the White Board!

Check it out on facebook: The CWRU Materials Science & Engineering Department Chalkboard.

Congratulations!

Alan Filer: 2013 Fulbright Scholarship Recipient
Bradley Potter: 2013 TMS J. Keith Brimacombe Presidential Scholarship Recipient
Janet Gbur: 2013 ASTM International Project Grant Recipient
Avi Biswas: Completed doctorate
Wei-Chun: Completed masters
Hossein Lavvafi: Completed doctorate
Po-Yuan (Paul) Lin: Completed doctorate
Myles Murray: Completed masters

Materials Lunch Series—Join us on Fridays from 12-1 pm in the USL!!

April 5: Ian, Dan and Abdul
April 12: Jason and Martin
April 19: Maria and Mandy (Greek Lunch)
April 26: Jenny
Activity Calendar!

April 2  DMSE Seminar, White Building Room 411
     10:00 am  Uma Chowdhry, speaker
     11:00 am  Speaker/student roundtable, USL

April 4  Masters Defense, Glennan Building Room 519C
     Mechanical property evolution and thermal remediation of aluminum magnesium 5XXX alloys
     11:00 am  Mohsen Seifi

April 8  Trivia Night, Happy Dog, Downtown Cleveland
     8:00 pm  Henry Neilson, coordinator
     Join us for team trivia at Happy Dog on Monday, April 8 at 8:00 p.m.
     Located on Detroit Avenue about a mile west of downtown. Happy Dog offers $5 hot dogs and vegetarian sausage with unlimited toppings and robust beer selection. GMS will serve up some tasty appetizers for the group, just remember to bring your thinking cap!!

April 9  DMSE Seminar, White Building Room 411
     10:00 am  Michael McHenry, speaker
     11:00 am  Speaker/student roundtable, USL

April 11 GMS/MRS Meeting, White Building Room 422
     12:00 pm  MRS wrap up, spring/summer events

April 12 Research SHOWcase, Veale Convocation Center
     9 am  Doors open
     10:00 am - 2:00 pm  Active demonstrations and poster viewing
     11:00 am - 12:00 pm  Welcome and keynote address

April 16 DMSE Seminar, White Building Room 411
     10:00 am  Samantha Daly, speaker
     11:00 am  Speaker/student roundtable, USL

     GMS Photo Day, White Chalkboard/Lobby
     11:30 am  Department photos

April 18 GMS/MRS Meeting and Elections, White Building Room 422
     12:00 pm  Final meeting for spring term

May 11 Learn to Brew Party, Henry Neilson’s Apartment
     Time TBA  Dan, Henry & Rich, hosts
     Ever wondered how the home brewers of the department do it? Dan will exhibit a relatively easy recipe featuring malt extracts for saving time and equipment expense; Henry will brew a more advanced batch using only grain as base malt; and Rich will show off his near professional set up with highly advanced techniques. Of course, what’s the fun of brewing beer without drinking some? There will be at least 3 homebrews on tap, though you are welcome to bring your own as well. More information to come...

May 17 Cleveland Indians vs Seattle Mariners
     $1 hot dog night and fireworks
     7:05 pm  Matt Dahar, coordinator

June 10-11 ASM Teacher’s Camp, White Building Room
     8:00 am - 5:00 pm  ASM Staff

June TBA Ohio Pyle White Water Rafting Trip
     Janet Gbur, coordinator

Looking for GMS Officers for 2013-14

GMS is in the process of accepting nominations (self-nominations, too) for the GMS/MRS officer board for the 2013-2014 academic year. A copy of the bylaws are attached to the newsletter which includes a job description for each position.

President
Vice President
Treasurer
Secretary
GSS Senator
Technical Programming Chair
Social Programming Chair

The board was expanded this past spring to help divide the job responsibilities so that each position is a minimal time commitment and encourage greater participation.

Nominations will be accepted through mid-April and elections will be held on Thursday, April 18 at the final GMS/MRS meeting from 12:00-1:00 pm in White Building room 422. Bring your lunch!

Consider volunteering your time as an officer to help grow our graduate activities and gain leadership experience that can be used on your resume!

It would be really fantastic if each major research group would encourage a member to serve as an officer that way the GMS/MRS officer board has a nice, balanced cross section of our graduate population—the jobs are easy...

Please email Janet at jlg120@case.edu if you are willing to serve as a GMS/MRS officer.
Article 1: Official Name and Affiliation

1.1: Name
This organization shall be known as The Graduate Materials Society (GMS).

1.2: Affiliation
GMS shall be an umbrella organization for Case Western Reserve University (CWRU) student chapters of The American Ceramic Society (ACerS); The American Foundry Society (AFS); ASM International (ASM); The Materials Research Society (MRS); and The Minerals, Metals, and Materials Society (TMS).

Article 2: Purpose
GMS shall exist to promote, among our members, a self-sought increasing knowledge of materials science and engineering and all its branches, and to provide a liaison between our members and the professional materials science and engineering industry.

Article 3: Membership
Membership in GMS shall be open to any graduate student of Case Western Reserve University interested in materials science and engineering; GMS will not discriminate on the basis of race, religion, sex, color or national origin.

Article 4: Officers and Duties

4.1: Officers
The officers of GMS shall consist of a president, a vice president, a secretary, a treasurer, a technical programming chair, a social programming chair, and two faculty advisors.

4.2: Duties of all Officers
The officers of GMS shall jointly plan events for the organization, which shall relate to the educational, professional, and social development of the members.

4.2.1: Duties of the President
The president shall supervise at all GMS meetings, mediate interactions with the faculty primarily through the faculty advisor, and generally act as the chief officer of the organization.

4.2.2: Duties of the Vice President
4.2.2.a: The vice president shall take over the president's duties in the case of the president's absence.

4.2.2.b: The vice president shall be the GMS representative to industry and the professional societies, providing annual student chapter reports for any professional society. If the president sees fit, other officers may be appointed to act as liaisons between GMS and each professional society.

4.2.2.c: The vice president shall be the GMS representative to the Undergraduate Materials Society (UMS) at CWRU and attend UMS meetings if invited.
4.2.3: Duties of the Secretary
4.2.3.a: The secretary shall keep GMS members informed of the organization's activities through written correspondence (including e-mails), and shall publicize all GMS events, including meetings and social activities.

4.2.3.b: The secretary shall handle written correspondence between GMS and the departmental faculty.

4.2.4: Duties of the Treasurer
4.2.4.a: The treasurer shall handle all GMS/MRS-related incoming and outgoing money and bookkeeping.

4.2.4.b: The treasurer shall prepare annual student chapter financial reports for any professional society upon request.

4.2.4.c: The treasurer shall coordinate Materials Lunches and Happy Hours with the help of other officers.

4.2.4.d: The treasurer will investigate opportunities for improving the financial status of GMS in coordination with the president and faculty advisor.

4.2.5: Duties of the Senator
The senator will serve as the departmental representative, actively working with the Graduate Student Senate (GSS) and other university-wide committees as GMS sees fit.

4.2.6: Duties of the Technical Programming Chair
The Technical Programming Chair will be responsible for helping to develop technical programming for the chapter which may include invited speakers, technical meetings, and roundtables.

4.2.7: Duties of the Social Programming Chair
The Social Programming Chair will be responsible for helping to develop social programming for the chapter including Materials Lunches, happy hour as well other activities to promote fellowship.

4.2.6: Duties of the Faculty Advisors
The faculty advisor shall be the contact between GMS and the departmental faculty and shall advise GMS on matters of departmental and professional policy.

Article 5: Elections
5.1: Elections shall be held at an official GMS meeting at the close of each spring semester.

5.2: Nomination of candidates for each office shall be done at that meeting, and it shall be allowed for candidates to nominate themselves.

5.3: If there is only one candidate for a specified office, that candidate shall be elected to that office. The offices of the president and vice president are to be filled by nominees with no less than two semesters of experience at CWRU. The office of senator, technical programming chair, and social programming chair are to be filled by a nominee with no less than one semester of experience at CWRU. Any office is to be filled by a given nominee for a term of not less than one year.
5.4: If there is more than one candidate for a specified office, a secret ballot shall be held, wherein candidates shall be elected by a majority vote of members present.

Article 6: Assembly
6.1: General GMS meetings shall be held monthly—or at the discretion of the officers—during the periods which CWRU is in session.

6.2: Meetings of the GMS officers shall be held at the discretion of the officers, not less than once per general meeting.

6.3: Parliamentary procedure at all meetings shall be held in accordance with Robert's Rules of Order.

Article 7: Amendments
These bylaws may be amended at a GMS officers’ meeting by a majority vote, provided the amendment has been submitted in writing at the previous general meeting.