

Materials Research Society®

University Chapters

An International Community
Interdisciplinary Collaboration
Professional Growth
Education Outreach
Leadership Development

HELP US BUILD THE FUTURE

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University Chapters

The Materials Research Society® (MRS) **University Chapter Program** is a passionate and talented network of students from universities around the world. Supported by the Materials Research Society Foundation, the program fosters an environment for collaboration and open exchange of ideas across all scientific disciplines, spanning campuses and continents. These students represent the next generation of materials research and are preparing to carry the torch forward, advancing materials and improving the quality of life.

You'll find starting an MRS University Chapter is a fun and exceptionally valuable experience. Working through your Chapter—hosting events, creating special projects and connecting with experts from around the world—will prepare you for future professional and leadership roles in the materials community. Your Chapter can also play a vital role in bringing science to a broader audience. Now more than ever, the goal is to successfully bring research out of the laboratory and into the classroom and to the general public ... to show how materials have changed our history and continue to shape our future.

MRS continues to explore new ways to effectively foster growth of virtual global materials communities, using emerging technologies that are smart, fresh and innovative ... and that includes our University Chapters. With social media, MRS OnDemand® and two-way live streaming, we're already tapping into today's technologies to engage Chapters unable to attend our Meetings, but with the promise of new innovations, tools and devices, we continue to look ahead. **Help us build the Chapter of the Future!** Together we can design and develop virtual events to better collaborate, educate, participate and fascinate—across Chapters, across disciplines, across borders.

Now's the time to use your excitement, expertise and unique scientific perspectives to forge a new path. Join this international student community.

Start an MRS University Chapter today!



HELP US BUILD THE FUTURE

An International Community

One of the main objectives as graduate students and future researchers is to acquire the ability to build scientific networks for enhancing our vision, mission and scientific cooperation. MRS offers multiple tools to accomplish this with annual meetings, workshops, the MRS Bulletin and useful applications such as career connections or MRS OnDemand. Our MRS Student Chapter allowed us to obtain support from the Sociedad Mexicana de Materiales (SMM) that expands our national network. The formation of MRS Cinvestav Student Chapter not only allows us to integrate and exchange ideas as materials science students at Cinvestav, but also have the opportunity to know the science beyond our borders.

Natalia Tapia, Chapter President
Centro de Investigación y de Estudios Avanzados
del Instituto Politécnico Nacional (Cinvestav-IPN)
Mexico City, MEXICO

Interdisciplinary Collaboration

The MRS Student Chapter at WSU was organized by students who recognized the need to bring together a diverse group of students who were working in materials science. The campus is spread out geographically and students pursuing PhD degrees in MSE can be advised by chemistry or physics professors who are located far from the MSE department located in the engineering buildings. There is no distinction made between students whose advisors are in different departments or colleges, and the MRS Student Chapter has been a great vehicle to promote unity within the disciplines here.

David Field, Chapter Faculty Advisor
Washington State University
Pullman, Washington, USA

The MRS University Chapter Experience

The MRS University Chapter Program provides invaluable experiences and benefits for student members, but don't take our word for it. **Our Chapter Members Say It Best!**

Leadership Development

The Materials Research Society, along with our local Binghamton University Chapter, has positively influenced my commitment to materials science and technology. We were inspired by our advisor, Professor M. Stanley Whittingham, to start this Chapter ... and motivated by his enthusiasm and our faith to bring science to the general public, we continue to hold numerous events taken from MRS, i.e. MAKING STUFF and NanoDays. As our organization grows, we keep growing our events, and have found a solid and welcoming place in our community. Apart from the target audience, our events also benefit the volunteers, who gained valuable experience both from preparation, interaction, and activities. We feel proud and grateful to be part of an MRS University Chapter.

Tianchan Jiang, Chapter President
Binghamton University
Binghamton, New York, USA

Education Outreach

Our Chapter has enabled us to establish collaborations among the scientists on campus through informal social events, in addition to providing opportunities to participate in outreach. Integrating the science outreach efforts of Vanderbilt's community into our local community is one of our primary goals. As a University Chapter, we received a grant through the Materials Research Society Foundation to bring emerging materials science and hands-on activities to disadvantaged students and teachers in rural Tennessee. Without these seed funds, our Vanderbilt program, Materials Outreach for Rural Education (MORE), would not have been possible.

Amy Ng, Chapter President
Vanderbilt/Fisk Universities
Nashville, Tennessee, USA

Professional Growth

Starting and advising an MRS University Chapter is truly a rewarding experience. One can see professional growth of students, who start feeling like members of the worldwide materials research community. I come to MRS meetings with a "team," not just a couple of my students. Exciting initiatives and project ideas generated by students are amazing. Not surprisingly, some of the most prominent materials scientists, such as Millie Dresselhaus (MIT) or Stan Whittingham (SUNY Binghamton), have been acting as Faculty Advisors for many years.

Yury Gogotsi, Chapter Faculty Advisor
Drexel University
Philadelphia, Pennsylvania, USA

Building Chapters of the Future

I had the chance to present at the 2012 MRS Fall Meeting's Sustainability Forum, while being over 9000 km away from the meeting venue. I felt as if I was actually in Boston, being able to take questions, address them and getting into discussions with the committee. Thanks to the Materials Research Society and our local MRS-KAUST University Chapter for making this possible.

Ahmed E. Mansour, Chapter Vice President
King Abdullah University of Science and Technology (KAUST)
Thuwal, SAUDI ARABIA

Chapter Support

As a graduate student, it is key to broaden your spectrum of what is taking place in the research world in real time. MRS opens up many avenues, especially when working from a University Chapter. Direct contact with MRS associates helps keep everyone abreast of conferences, Chapter opportunities and activities that otherwise may not have been as easily accessible. MRS also rewards student memberships with rebates and travel expenditures, helping promote student involvement as well as Chapter building. We were able to host a multitude of meetings and seminars as well as send students to attend MRS conferences to promote their research.

Chinedu Okoro, Chapter President
Tuskegee University
Tuskegee, Alabama, USA

JOIN THE CONVERSATION ONLINE...



www.mrs.org/socialmedia

START AN MRS UNIVERSITY CHAPTER TODAY

Follow these **5** easy steps and you're on your way.

1 Recruit Members

It is important to recruit students enrolled not just in materials science, but in other related fields as well. This will help to broaden your member base and allow for more robust and interdisciplinary Chapter activity.

Department rosters listing students enrolled in chemistry, physics, ceramics, MS&E and other materials-related fields may be available from your university. Check them out for your recruiting purposes. And be sure to promote your Chapter at all relevant events—seminars, workshops, field trips, and even social events.

2 Complete a Short “Petition to Organize an MRS University Chapter”

This form can be found at www.mrs.org/university-chapters. A minimum of eight students and two faculty advisors (one tenured) are required to start your Chapter; only the faculty advisors must be current MRS members. (Note: MRS membership will be verified.) Chapter officers must also be named on the Petition.

3 Submit Your Petition

Submit your Petition by email to Lorri Smiley at smiley@mrs.org.

4 Board Approval

Your petition will be validated and sent to the MRS Board of Directors for a vote on recognition for your organization.

5 Receive your Chapter Charter

Once approved, your Chapter representatives will be invited to attend the next MRS Spring or Fall Meeting to officially accept your Charter and to attend the University Chapter Luncheon.

FOR MORE INFORMATION

on the MRS University Chapter Program, visit www.mrs.org/university-chapters

Join the growing, global list of MRS University Chapters



Addis Ababa University	Masdar Institute of Science and Technology	University of California, San Diego
African University of Science and Technology (AUST)	Massachusetts Institute of Technology	University of Central Florida
Alabama A&M University	Montana State University	** University of Cologne
Alexandria University	Nanjing University	University of Colorado at Boulder
Arizona State University	National Taiwan University	University of Connecticut
Bar Ilan University & Weizmann Institute of Science	National Textile University	University of Delaware
Ben Gurion University of the Negev	Norfolk State University	University of Dhaka
Binghamton University	North Carolina State University	University of Florida
Boise State University	North Dakota State University	University of Houston
Boston University	Northeastern University	University of Illinois at Chicago
Brown University	Northwestern University	University of Illinois at Urbana-Champaign
California Institute of Technology	The Ohio State University	University of Kentucky
California Polytechnic State University	Oklahoma State University	University of Maryland
California State University, Chico	Oregon State University	University of Massachusetts Amherst
California State University, Fresno	The Pennsylvania State University	University of Massachusetts Lowell
Carnegie Mellon University	Princeton University	University of Michigan
Case Western Reserve University	Purdue University	University of Minnesota
* Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional (Cinvestav-IPN)	Rochester Institute of Technology	University of Nevada, Reno
The City University of New York	Rutgers, The State University of New Jersey	University of New Mexico
Clemson University	Seoul National University	University of North Carolina at Chapel Hill
Colorado School of Mines	South Dakota State University	University of North Texas
Columbia University	Southern Connecticut State University	University of Notre Dame
Cornell University	Southern Illinois State University	University of Pennsylvania
Delaware State University	Southern University of Science and Technology	University of Pittsburgh
Drexel University	St. John's University	University of Puerto Rico, Rio Piedras
Duke University	Stanford University	University of Rochester
Fayetteville State University	Stevens Institute of Technology	University of Southern California
Florida International University	Tel Aviv University	University of Technology and Middle Technical University
Florida State University	Temple University	University of Tennessee, Knoxville
Franklin W. Olin College of Engineering	Texas A&M University	The University of Texas at Austin
Georgia Institute of Technology	Tuskegee University	The University of Texas at Dallas
** Hasselt University	Universidad de Ingeniería & Tecnología (UTEC)	The University of Texas at El Paso
Indian Institute of Technology	Universidad de la República-CURE	University of Toledo/ Bowling Green University
Indiana University, Bloomington	Universidad de los Andes	University of Toronto
Iowa State University	Universidad Nacional Autónoma de México (UNAM)	University of Vermont
The Johns Hopkins University	** Université de Paris	University of Virginia
The Joint School of Nanoscience and Nanoengineering (North Carolina A&T State University and The University of North Carolina at Greensboro)	University at Buffalo	University of Washington
Karlsruhe Institute of Technology	University of Alberta	University of Waterloo
Khalifa University of Science, Technology and Research	University of Arizona	University of Wisconsin-Eau Claire
King Abdullah University of Science and Technology (KAUST)	University of Arkansas-Fayetteville	University of Wisconsin-Stout
Korea Advanced Institute of Science and Technology (KAIST)	University of Calabar	Vanderbilt/Fisk Universities
Lahore University of Management Sciences	University of California, Berkeley	Virginia Polytechnic Institute and State University
	University of California, Davis	Washington State University
	University of California, Irvine	West Virginia University
	University of California, Los Angeles	Worcester Polytechnic Institute
	University of California, Merced	Yale University
	University of California, Riverside	

* MRS-Sociedad Mexicana de Materiales jointly recognized University Chapter

** MRS-EMRS jointly recognized University Chapter