

The background of the entire page is a microscopic image of ceramic grains. The grains are spherical and have a textured, fibrous surface. They are arranged in a cluster, with one large grain in the center foreground and several others around it. The lighting is dramatic, with bright highlights and deep shadows, giving the grains a three-dimensional appearance. The overall color palette is dominated by blues and purples.

The American Ceramic Society Basic Science Division

GET INVOLVED TODAY:

Contact Division Chair **Jian Luo** at jluo@ucsd.edu

To become an ACerS member go to www.ceramics.org/membership to sign up – be sure to select BSD as your free division.

Already an ACerS member? If you haven't selected a division or want to change your division to BSD, call customer service at 1-866-721-3322, option 6 or 1-240-646-7054.

The American Ceramic Society Basic Science Division

Who We Are

The Basic Science Division of The American Ceramic Society is dedicated to the development of the ceramic science underlying present and future applications of ceramics. The Basic Science Division fosters the scientific and technological foundations of ceramic science, identifying new areas in, and fields of, ceramic science critical to current and future members.

Who Should Get Involved

Those working in:

- Research and government labs
- Academia
- Renewable/alternative energy
- Multi-functional materials
- Nanotechnology
- Emerging ceramic materials application

Highlights of ACerS Member Benefits

- Free, unlimited online access to *Journal of the American Ceramic Society*, *International Journal of Applied Ceramic Technology*, and *International Journal of Applied Glass Science*
- Subscription to the membership magazine, *ACerS Bulletin*
- Free, online access to the member directory (find others who work in your area)
- Free copy of *ceramicSOURCE* (ACerS Buyers Guide) and online access, including free listings

- Member discounts on books, meetings, products and services
- Free membership in the Basic Science Division

Basic Science Division Benefits

- Eligibility for Division awards, such as the Graduate Excellence in Materials Science (GEMS) Awards, the Roland B. Snow Award: Best of Show of the Ceramographic Contest, and the Robert B. Sosman Award and Lecture
- Opportunities to organize symposia and volunteer at meetings
- Opportunities for Division leadership positions
- Travel grant opportunities
- Collaborate on projects and get published in Society publications
- Connect with others for technical collaboration and funding opportunities, talk to customers, or find vendors quickly and easily
- Network with distinguished members at division events

Upcoming BSD-associated Meetings

- Pacific Rim BSD Conference on Ceramic and Glass Technology, PACRIM 10
- 12th International Conference on Ceramic Processing Science, ICCPS-12
- Materials Science and Technology, MS&T'13
- Electronic Materials & Applications 2014
- Materials Challenges in Alternative and Renewable Energy 2014

Mixer at MS&T'13

BSD plans to host a mixer and social event for young faculty members and professionals in the ceramics field at MS&T'13 in Montreal. If you are interested in attending or know a junior colleague who may want to know more about BSD, please contact Jian Luo at jluo@ucsd.edu for details.

Special Opportunities for Students and Young Professionals

- Volunteer opportunities to organize, speak/present at meetings
- Become published in Society publications
- Qualify for scholarships or travel grants
- Get involved in the Division from the ground up holding leadership positions early in your career
- Compete for best oral or poster awards by presenting at BSD supported conferences
- Network with leaders in the field for career advancement
- Become part of the President's Council of Student Advisors or the Young Professionals Network

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