



**ACerS Bioceramics
Division**

***American Ceramic Society – An International platform to
promote Ceramic Science and Engineering***

Bioceramics Division

<https://ceramics.org/members/member-communities/divisions/bioceramics>

December 28, 2022

123 years strong...

1898

ACerS founded
Topics included:
brick, pottery,
refractories,
clay pipe, tile

Today

Headquartered in
Westerville, Ohio, USA

Topics include:
composites, electronics,
refractories, bioceramics
and glasses, energy,
aerospace, and more



Dana Goski
Past President



Sanjay Mathur
President-elect



Elizabeth Dickey
President



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Kristin Breder
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Director



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Director

THE AMERICAN CERAMIC SOCIETY 2021-2022 BOARD OF DIRECTORS

'American' in Name - Global in Scope

Mission: ACerS fosters the study, understanding, development and application of ceramics, glasses, and related materials for the benefit of our members, industry and the global society.



Membership (>9k)

- 5,000+ individual members
- 175+ corporate partners
- 4,000+ students



Worldwide

- >35% of members from 70 countries
- International companies & collaborations
- International chapters
- Regional sections in the US



Divisions (11)

- Art, Archaeology & Conservation Science
- Basic Science
- Bioceramics
- Cements
- Electronics
- Energy Materials and Systems
- Engineering Ceramics
- Glass & Optical Materials
- Manufacturing
- Refractory Ceramics
- Structural Clay Products

Member benefits for students



ACerS Student Mentor Program

Opportunity to apply for student leadership: President's Council of Student Advisors (PCSA)

ACerS award-winning journals, and 11 technical divisions

Opportunities to network with other members in the ACerS Member Community and the ACerS YPN Connect online events

ACerS Learning Center including courses and webinars

Opportunity to win prestigious awards, earn cash prizes and participate in ACerS student contests

Ceramic and Glass Career Center

ACerS graduation gift of free one-year membership

Meetings, Education, and Webinars

ACerS Annual Meeting at MS&T

Technical, industrial and ACerS Division meetings

Section and Chapter meetings

Short courses and online courses

Monthly technical/professional development webinars



Becoming an Active Member



Create an account, log-in and browse the website
(ceramics.org)

Complete and update your Member Snapshot (profile)

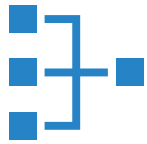
Access members only
content, including:

- 4 scientific journals
- Bulletin & Bulletin Archives Online
- Webinar recordings
- Join online communities

Join ACerS social networks

Job-seekers: utilize our Ceramic & Glass Career Center
(careers.ceramics.org)

Optimizing your membership



Choose up to three (3)
[technical Divisions](#)



Register for [short](#) or [online courses](#)



Attend a [Section](#), [Chapter](#),
and/or [ACerS meeting](#) or
[webinar](#)



Apply for [awards](#) and
participate in [student contests](#)



Participate in the [ACerS
Student Mentor Program](#)



[Volunteer](#) with ACerS online

Bioceramics Leadership 2022-2023



Chair: **Bikramjit Basu**
IISc, Bangalore, India



Chair-elect: **Kalpana Katti**
North Dakota State University



Vice Chair: **Annabel Braem**
KU Leuven, Belgium



Secretary: **Hrishikesh Kamat**
Glidewell Dental, CA, USA



Kavan Joshi
PCSA representative,
University of California
Davis, USA



Sadaf Batool
Young Professional Network Rep.,
National University of Sciences
and Technology, Pakistan



Olivia Graeve
ACerS BOD Liaison:
University of California,
San Diego, USA



Karen McCurdy
ACerS representative

Activities planned for 2022-2023

- YouTube Video Contest in December, 2022
- Online meeting on “Women in Bioceramics” in February, 2023
- Meeting of the German chapter of ACerS in February, 2023 in Erlangen
- Bioceramics industry conclave (online), April, 2023
- Session at XVIII conference of the European Ceramic Society, July, 2023
- Annual online meeting for all members of the Bioceramics Division – TBD

YouTube Video Contest

Award recipients

First place: Sierra Kucko, Alfred University, USA



Second place: Saswat Choudhury, Indian Institute of Science, Bangalore, India



YouTube Video Contest

The [Bioceramics Division](#) of the American Ceramic Society is pleased to announce a **YouTube video contest** to showcase recent innovation and technological advancement in the field of **Bioceramics**. The top four awardees, including a team of participants from a low-and middle-income country, will each receive a cash prize, certificate, and notable mention in the ACerS bulletin edition, to be published in March, 2023. The award winning videos will be hosted at the ACerS Bioceramics Division website after taking necessary consent.

Contest Guidelines

- The submission should demonstrate, but not limited to, the key aspects, like (a) innovative products – prototype, (b) new scientific ideas, (c) future challenges and possible solutions, in the field of bioceramics.
- The length of the video should be less than 5 minutes.
- Submissions can be made as an individual or as a team comprising of not more than three members.
- The participants must submit a **100 word abstract (lay summary) of the demonstration to Karen McCurdy** (kmccurdy@ceramics.org). Include a weblink to your YouTube video in the abstract.

Who is/are eligible to participate

All students currently enrolled in undergraduate and graduate (MS and PhD) studies during the academic year of 2022-2023 in a university around the world. ACerS membership is not required.

Awards

1st Place: \$1000; 2nd Place: \$750; 3rd Place: \$500; 4th Place: \$250

Deadline:

December 5, 2022; Monday, 11:59 EST (Eastern Standard Time)

Questions?

E-mail Karen McCurdy (kmccurdy@ceramics.org), ACerS representative of the Bioceramics Division.

Divisional Awards 2023

Larry L. Hench Lifetime Achievement Award

Tadashi Kokubo Award

Bioceramics Young Scholar Award

Global Young Bioceramicist Award

More details available at, <https://ceramics.org/awards/bioceramics-division-the-bioceramics-young-scholar-award>

International Visibility: supporting major events



International Conference on
**BIOMATERIALS, REGENERATIVE
MEDICINE AND DEVICES**
Conference : Dec 15th - 18th 2022

Workshop Speakers



Tomoko Ilykand
Director, CELLINK Asia Sales



Prof. Birman B. Mandal
Associate Editor, ACS Biomater Sci Engg
IIT GUWAHATI



Prof. Abhay Pandit
NIJ, Galway, IRELAND



Prof. Jonathan Knowles
Editor-in-Chief, J Biomater Appl
Univ. College London, UK



Dr. Sajan Kapil
IIT GUWAHATI



Prof. S. Kanagraj
IIT GUWAHATI



Dr. Biranchi Panda
IIT GUWAHATI

Pre-Conference Workshop

Advances in 3D Printing
and Bioprinting
&
Publishing, Scientific Writing
and Communication

Schedule : 14th - 15th December 2022

Venue : IIT Guwahati

www.bioremedi2022.org



www.bioremedi2022.org

Important Deadlines

Submission of Abstract	30 th September, 2022
Abstract Acceptance Intimation	05 th October, 2022
Early Bird Conference Registration	20 th October, 2022
Regular Conference Registration	15 th November, 2022
Early Bird Workshop Registration	31 st October, 2022
Regular Workshop Registration	20 th November, 2022

Registration Fee

Category	Upto 20 th Oct '22	Upto 15 th Nov '22
Member	Non Member	Member Non Member
	Indian (₹)	
Student	₹ 6000	₹ 7000
Faculty	₹ 9000	₹ 12000
Industry Delegate	₹ 20000	₹ 25000
Accompanying	₹ 5000	₹ 5000
	Foreign (\$)	
Student	\$ 350	\$ 400
Faculty	\$ 400	\$ 500
Accompanying	\$ 350	\$ 350

Preconference Workshop Fee

Category	Upto 31 st Oct '22	Upto 20 th Nov '22
Member	Non Member	Non Member
	Indian (₹)	
Student	₹ 2000	₹ 2500
Faculty	₹ 4000	₹ 5000
Industry Delegate	₹ 8000	₹ 10000
	Foreign (\$)	
Student	\$ 150	\$ 200
Faculty	\$ 200	\$ 250

Contact Us

Conference Organizers
Dept. of Biosciences & Bioengineering and Dept. of Mechanical Engineering
Indian Institute of Technology (IIT) Guwahati
Guwahati - 781035, Assam, India

Conference Manager
Connections Orbis Pvt. Ltd.
B1, Somdutt Chambers II, Bhikaji Cama Place, New Delhi - 110066
Tel : +91-11-46066077
Email ID : itg@bioremedi2022.org

International Conference on
**BIOMATERIALS, REGENERATIVE
MEDICINE AND DEVICES**

Preconference Workshop : Dec 14th - 15th 2022

Conference : Dec 15th - 18th 2022

IIT Guwahati, India

Committee

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Director, IIT Guwahati

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Prof. C.P. Sharma
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HOD, Biosciences and Bioengineering
IIT Guwahati



Prof. K. S. R. Krishna Murthy
HOD, Mechanical Engineering
IIT Guwahati

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IIT Guwahati, INDIA

Conference Co-Chair



Prof. S. Kanagraj
IIT Guwahati, INDIA

Conference Secretary



Dr. Rajkumar P. Thirumangalakudi
IIT Guwahati, INDIA

Treasurer



Dr. Biranchi Panda
IIT Guwahati, INDIA

Plenary / Keynote Speaker



Prof. David L. Kaplan
Tufts University, USA



Prof. Abhay Pandit
NUI, Galway, IRELAND



Prof. Kam W. Leung
Editor-in-Chief, JOMATRIALS
Colorado University, USA



Prof. Jonathan Knowles
Univ College London, UK



Prof. Antonella Motta
University of Trento, ITALY



Prof. Ali R. Nikolic
University of Texas, USA



Prof. A. K. Mallik
IIT Guwahati



Prof. Ashok Kumar
IIT Guwahati, INDIA



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Dr. S. Kanagraj

Sponsoring BioRemedi 2022 at IIT Guwahati, India



Prof. Kam W. Leong (Columbia University, USA) receiving the highest honor of the Indian Biomaterials Society



New awards instituted this year to encourage young researchers in the emerging field of Biomaterials: Two winners of the Best PhD thesis awards receiving cash award and a certificate of Honor during the Inauguration of BioRemedi 2022.

