



# CREB Membership Invitation

Dear Prospective Member,

The University of Maryland (UMD) in partnership with the Army Research Lab (ARL) invites you to become a member of Center for Research in Extreme Batteries (CREB) and participate in the CREB Consortium. As a member, you will have the opportunity to participate in projects awarded to the ARL Cooperative Agreement aligned with CREB's Collaborative level membership thus providing extra benefits.

CREB is proud to work with ARL and the CREB Consortium member companies to foster and accelerate collaborative research in advanced battery materials, technologies and characterization techniques. Our focus is to develop batteries for extreme performance, environment, and applications (e.g. defense, space and biomedical device). CREB is the only center in the US with this focus.

This package includes the CREB Consortium Collaborative level membership application for your consideration. Please complete, sign and return the application at your earliest convenience. Note – the 300-500-word Capabilities Statement and high-resolution logo must be submitted separately. Once the complete application packet is received, it will be processed by the CREB Consortium Membership team, sent to the CREB Finance team for invoicing, and passed along to the CREB steering committee for approval. This process takes 10 business days. Once complete, CREB will send a “Welcome to CREB” email and offer a brief on-boarding session with the CREB staff to clarify goals and expectations as well as answer any potential questions.

Annual dues for CREB Consortium members are:

- Industry Leader \$80,000.00
- Industry Member \$30,000.00
- Organizational \$2,000.00
- Industry Affiliate \$1,500.00
- Individual \$160.00

We look forward to working with all members of CREB and supporting your exemplary work and technology.

Regards,

Chunsheng Wang, Professor, University of Maryland, College Park  
301-405-0352, email: cswang@umd.edu

Eric Wachsman, William L. Crentz Centennial Chair in Energy Research, University of Maryland,  
College Park, 301-405-8193; Email: ewach@umd.edu



# MEMBERSHIP APPLICATION

## Applicant Company Information

|               |        |      |
|---------------|--------|------|
| Company Name: |        |      |
| Address:      |        |      |
| City:         | State: | Zip: |
| Phone:        | Fax:   | URL: |
| Signature:    |        |      |
| Title:        |        |      |
| Date:         |        |      |

## CREB Authorized Official

|            |  |  |
|------------|--|--|
| Signature: |  |  |
| Title:     |  |  |
| Date:      |  |  |

## Company Information (for CREB Approval Process)

Brief description of applicant's business: (1000 character limit)

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|   |                                     |
|---|-------------------------------------|
| State of Province of Incorporation or Establishment   | Volume (USD) Sales for Recent Year: |
| Duns#:  | Size of Company: (# of employees)   |
| *DD2345 Certification Number:<br>*Signed certification document must be submitted with this application | Expiration Date:                    |

## Applicant is a: (check all that apply)

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>For Profit Parent Corporation</li> <li>Subsidiary**</li> <li>Division</li> <li>Partnership</li> <li>Sole Proprietorship</li> <li>Academic Institution</li> <li>Not-for-Profit/Non Profit</li> </ul> | <ul style="list-style-type: none"> <li>Small Business (according to SIBR guidelines)</li> <li>Small Disadvantaged Small Business (SDB)</li> <li>Women-Owned Small Business (WOSB)</li> <li>Veteran Owned Small Business (VOSB)</li> <li>Service Disabled Veteran Owned Small Business (SDVOSB)</li> <li>8A Small Disadvantaged Business (8ASDB)</li> <li>Hub Zone Small Business</li> </ul> |
|--|---|

\*\* In lieu of providing this information, Applicant may attach a current corporate chart which lists all direct and indirect parent and subsidiary corporations of Applicant and the headquarters offices of each. A United States, Canadian or Mexican subsidiary or parent corporation is a corporation incorporated under the laws of a state of the United States or Mexico or a province of Canada which is not owned or controlled, directly or indirectly, by persons who are not citizens of the United States, Canada or Mexico or by corporations, partnerships or proprietorships that are not corporations, partnerships or proprietorships of the United States, Canada or Mexico.

## Technology Capabilities: (Select your company profile then check all capabilities that best describe your company)

- |  |  |   |  |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>Academia</li> <li>Battery Manufacturing</li> <li>Electrolytes</li> <li>Lithium Salts</li> <li>Solvents</li> <li>Electrolyte Additives</li> <li>Electrode Materials</li> <li>Binder</li> <li>Conductive Additives</li> <li>Separator</li> <li>Surface Modifications</li> </ul> | <ul style="list-style-type: none"> <li>End User/OEM/PEO</li> </ul> | <ul style="list-style-type: none"> <li>Manufacturer</li> <li>High Voltage Cathodes</li> <li>High Capacity Anodes</li> <li>Characterization</li> <li>Simulation</li> <li>Chemical Synthesis</li> <li>High/Low Temperature Cells</li> <li>Flexible Cells</li> <li>Battery Managing Systems</li> <li>Other:</li> </ul> | <ul style="list-style-type: none"> <li>Material Providers</li> </ul> |
|--|--|---|--|

## Designated Points of Contact:

(please fill in contacts as appropriate for your organization or just Key Contact for individual)

| Key Contact  | Legal/Contractual | Marketing    |
|--------------|-------------------|--------------|
| Name: _____  | Name: _____       | Name: _____  |
| Title: _____ | Title: _____      | Title: _____ |
| Phone: _____ | Phone: _____      | Phone: _____ |
| Email: _____ | Email: _____      | Email: _____ |

  

| Technical    | Financial    | Business Development |
|--------------|--------------|----------------------|
| Name: _____  | Name: _____  | Name: _____          |
| Title: _____ | Title: _____ | Title: _____         |
| Phone: _____ | Phone: _____ | Phone: _____         |
| Email: _____ | Email: _____ | Email: _____         |

## Primary Social Profiles (share your companies social channels for us to follow)

|                            |                  |                 |
|----------------------------|------------------|-----------------|
| Linked In: /company/ _____ | Twitter: @ _____ | Facebook: _____ |
| YouTube: _____             | Flickr: _____    | Google+: _____  |
| Other: _____               | Other: _____     | Other: _____    |

## Logo and Spotlight Feature:

Please package and attach an .eps or an ai. format logo when submitting this application. This logo will be used and kept on file for future use and publication. Also include a 400-500 word company profile for publication on the NCMS website.

## Keywords:

Cathodes  
Anodes  
Electrolytes  
Additives

Separators  
Battery Managing Systems  
Production Line  
Supply Chain

Big Data  
Engineering Services  
Simulation

Characterization  
Chemical Synthesis  
Performance Evaluation

## CREB MEMBERSHIP AGREEMENT

1. Applicant hereby applies for membership in the Center for Research in Extreme Batteries (CREB). Applicant acknowledges that its authorized representative has received and reviewed the CREB Bylaws, Policies and Procedures and Intellectual Property Rights Policy. Applicant agrees to comply with all provisions in those documents, which are incorporated into and made part of this Application and Agreement by reference. Applicant acknowledges that the CREB may amend the documents from time to time in the best interests of the CREB. Applicant will be notified of any material changes in those documents and have an opportunity to object to such changes.
  2. Applicant, by signing this Application and Agreement, warrants and represents that the information in the Member Information Statement attached as part hereof is a complete, true and correct statement of Applicant's organizational structure and affiliations as of the date of signing. Applicant further warrants and represents that Applicant meets all of the requirements of an "Active Member" set forth in the CREB Bylaws. Applicant agrees to disclose immediately to the CREB any changes affecting Applicant's representation that it meets all the requirements of an Active Member. Applicant acknowledges that it has been invited to participate in CREB and is eligible for CREB projects.
  3. Applicant agrees that this Application and Agreement will become a binding membership contract between Applicant and the CREB upon acceptance by the CREB Steering Committee and payment of assessed dues. The CREB Steering Committee has the right to accept or reject Applicant in its sole discretion if the Board of Directors determines in good faith that Applicant does not meet the membership requirements contained in the CREB Bylaws. Upon acceptance of Applicant as an Active Member of the CREB, Applicant agrees that all actions of Applicant's representatives participating in CREB meetings and other activities will be binding on Applicant.
  4. Applicant agrees to remain an Active Member of the CREB for a minimum of one (1) year and to timely pay all annual dues in U.S. dollars as assessed. Unless Applicant indicates in writing to the CREB its intention to resign at the end of the then current one (1) year period Applicant's membership contract will automatically renew for an additional one (1) year period upon the invoicing and payment of Applicant's annual dues for such renewal period.
  5. If Applicant is a parent corporation, in accordance with the CREB Bylaws, Applicant's membership will include its wholly-owned and controlled and majority owned and controlled subsidiaries, throughout the world, provided that this Application and Agreement is signed by an Officer of Applicant. If Applicant is located and established or located and incorporated in a country other than the United States, Applicant hereby submits to the jurisdiction of the federal, state, and local laws of the United States.
  6. If Applicant is accepted as an Active Member of the CREB, the membership is not assignable to any third party, including, without limitation, Applicant's parent corporation, or any entity which purchases all or substantially all of the assets of Applicant or obtains a majority of controlling interest in Applicant, unless prior written consent of the CREB is obtained.
  7. If Applicant is accepted as an Active Member of the CREB, Applicant hereby authorizes the CREB and/ or its attorneys to notify, file and review on its behalf all required notices. Applicant agrees that all actions taken by it as an Active Member will be performed by a duly-authorized representative of Applicant.
  8. Applicant acknowledges that it has caused this Application and Agreement to be signed by its duly-authorized representative.
- I have read and agree to the terms of this Membership Agreement



**CREB**  
CENTER FOR RESEARCH IN EXTREME BATTERIES

## Credit Card Payment Form

| Billing Address |  |            |  |
|-----------------|--|------------|--|
| First Name:     |  | Last Name: |  |
| Company:        |  |            |  |
| Address:        |  |            |  |
| City:           |  | State:     |  |
|                 |  | ZIP:       |  |
| Telephone:      |  | Email:     |  |

| Credit Card Information |                  |            |                |
|-------------------------|------------------|------------|----------------|
| Amount Due:             |                  | Invoice #: |                |
|                         | Visa             |            |                |
|                         | MasterCard       |            |                |
|                         | Amex             |            |                |
| Credit Card #:          |                  |            |                |
|                         | Expiration Date: |            | Security Code: |
| Name On Card:           |                  |            |                |

### Authorization

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|            |       |
|------------|-------|
| Signature  | Date  |
| Print Name | Title |

Email this signed form to Chunsheng Wang, [cswang@umd.edu](mailto:cswang@umd.edu), or print and fax to (301) 405-0523