



New Member Benefits

Member benefits have changed many times since the Society's inception in 1902, and after a comprehensive review of the use of ECS publications by libraries and members, ECS is introducing a new member benefits package starting in September. (See "From the President" on page 7 of the summer 2008 issue of *Interface* for more about these new benefits.) ECS members now will have flexible online access to key research articles from the entire ECS Digital Library as part of their benefits package. For the first time, ECS members will enjoy access to *ECS Transactions* (ECST), the online database containing full-text content of papers presented at ECS meetings and ECS-sponsored meetings. Access also includes the current content from the *Journal of The Electrochemical Society* (JES) and *Electrochemical and Solid-State Letters* (ESL); and now members will have access to the *archived* content of JES (currently available back to 1948) and ESL (back to its inception in 1998). Members also have unlimited access to *Interface* and *Meeting Abstracts* (currently available back to 2005).

The new package will provide ECS members with 100 full-text downloads from the ECS Digital Library per year: 100 downloads from JES, ESL, and ECST; and unlimited downloads from *Interface* and *Meeting Abstracts*. This Member Article Pack of 100 downloads

can be used for any combination of downloads a member chooses during the membership year. A review of the usage by ECS members in 2007 showed that 100 articles would be more than adequate for most members; however, for the few who need greater than usual access, there are two options. One, additional Articles Packs will be available for purchase, at a price discounted for members. Two, access through an institutional subscription may be better for the handful of users who exceed the 100 article use level; so all members are welcome to work with Corey Eberhart, ECS's new Global Sales Manager (see page 27 of this issue), who can help members to obtain subscriptions to ECS titles at their company or institution. Members may also contact Amir Zaman, Director of Membership and Development (amir.zaman@electrochem.org), to learn about access through an ECS Corporate Membership.

Article Packs are easy to use and users may keep track of their downloads on personalized account pages. When an Article Pack is ready, an e-mail is sent to the user with simple instructions on how to activate the account and access the Article Pack. Users can search across all ECS publications, or on any individual publication. Users can also browse the tables of contents of each publication.

At the Article Pack account management center, users can track download activity, receive timely alerts about renewal, a comprehensive FAQ (frequently-asked questions) about using and managing an account, links to renewal information, terms of use, and technical support.

The articles in the download history are listed by the date and time they were downloaded. Each title in the list is linked to the article abstract and each includes a link to the full-text PDF. The download total and remaining downloads are indicated at the top of the page. Links to the account management center are also provided, which features on-screen warnings to alert the user when five downloads remain and when downloads have been completely used. These on-screen alerts are complemented by e-mail notifications, all designed to allow the user to avoid any loss of service.

If the user exhausts all downloads prior to the end of the 12-month period, the user will still be able to view previously downloaded articles and the account summary until the end of the 12-month term. If a member renews, all remaining downloads will be credited to the new Article Pack. Should a member choose not to renew, the download history will remain in the Article Pack summary for one year after the expiration date of the account. If a member chooses to renew before the end of this time, all of the download history will appear once again in the account.

Look for several communications in the next few months, providing more details about the new benefits package. Please feel free to contact membership@electrochem.org, or Amir Zaman, Director of Membership and Development at amir.zaman@electrochem.org, if you have any questions or comments about these changes.

ECS Cosponsored Conferences for 2008/09

In addition to the regular ECS biannual meetings, ECS, its Divisions, and Sections cosponsor meetings and symposia of interest to the technical audience ECS serves. The following is a list of the cosponsored meetings for 2008/09.

- **59th Annual Meeting of the International Society of Electrochemistry**, September 7-12, 2008, Seville, Spain, event08.ise-online.org
- **7th International Symposium on Electrochemical Micro & Nanosystem Technologies**, September 15-18, 2008, Ein Gedi, Israel
- **ISTC/CSTIC 2009**, March 19-20, 2009, Shanghai, China, www.ecsistc.org
- **7th Spring Meeting of the International Society of Electrochemistry**, March 25-29, 2009, Szczyrk, Poland, spring09.ise-online.org
- **XVII Simposio Brasileiro de Eletroquímica e Eletroanalítica**, April 19-23, 2009, Fortaleza, Brazil, xviiisibee.dqoi.ufc.br
- **6th International Conference on Silicon Epitaxy and Heterostructures**, May 17-22, 2009, Santa Monica, CA, USA
- **American Chemical Society Central Regional Meeting**, May 20-24, 2009, Cleveland, Ohio, USA, www.acs.org
- **69th Annual Meeting of the International Society of Electrochemistry**, August 16-21, 2009, Beijing, China, event09.ise-online.org

To learn more about what an ECS cosponsorship could do for your conference, including information on ECS's publishing of proceeding volumes for co-sponsored meetings, or to request an ECS cosponsorship of your technical event, please contact Amir Zaman, Director of Membership and Development, at amir.zaman@electrochem.org or 609.737.1902, ext. 103.

New Staff for ECS



DINIA AGRAWALA joined ECS last August as the new *Interface* Production Manager, after eight years of media design and advertising experience. Her primary responsibility at ECS is the layout, design, and production aspects for ECS's quarterly members magazine. Her responsibilities also include the coordination of the advertising program in *Interface*. Dinia also prepares all collateral and conference materials, and works with printers and mailers to determine

the best delivery method and timing of all materials.

Dinia is originally from Germany where she completed her BA and master's degrees in education at the University of Potsdam, with a double major in geography and physical education. After some initial volunteer work in the U.S., she enrolled at Mercer County Community College where she completed her associate's degree in computer graphics. After graduation, she worked in the field of digital design at Simstar, Inc., a marketing company specializing in marketing campaigns and websites for healthcare companies. In addition to the design of brand-oriented websites, she also oversaw the production process of websites, created banner ad designs, and prepared external/internal presentations.

Prior to joining ECS, Dinia worked at Princeton Financial Systems, a firm that provides portfolio management and accounting software and services for institutional investors. Her main responsibilities were the design of all conference, marketing, and promotional materials. She also implemented a new company branding that incorporated all marketing and promotional materials as well as website design.

"We're delighted to have Dinia as a part of the ECS staff," said Mary Yess, ECS Deputy Executive Director and Managing Editor for *Interface*. "Dinia has brought a fresh look to *Interface*, as well as to the many materials required by the numerous ECS programs and activities."

COREY EBERHART joined ECS in March in the new position of Global Sales Manager. She is responsible for the subscription sales to academia, government, and corporations, along with multisite and consortia sales for the ECS publications.

Corey spends a great deal of her time working with the institutions, providing them with insight about ECS's publications and actively looking for new subscription opportunities.

Corey is a 1999 graduate of Towson University, in Towson, Maryland, where she earned a bachelor's degree in economics. Corey began her publishing career at Lippincott, Williams and Wilkins, Wolters Kluwer Health (WKH), a leading medical and allied health publisher. She spent nine years with WKH where she was promoted to the Associate Director of Worldwide Copyright Management (WCM). In that role, she oversaw the licensing, subsidiary rights, and permissions functions for the journals division. In four years at the Associate Directors role, Corey and her team saw double digit growth year over year.

Mary Yess said, "This is an exciting time to be a part of ECS. Corey has had a great deal of experience, not only on sales and licensing for peer-reviewed journals, but also in

working with societies. Corey has already had a number of successes, even though she arrived at ECS very late in the renewal process, and we are looking forward to helping ECS expand its publishing program worldwide."



TIM FEST joined ECS in March 2008 as the new Assistant Director of Membership and Development. He is responsible for managing the student chapter program and communicating with members, as well as assisting in developing corporate members, meeting sponsors, exhibitors, members, and donations. Tim began his career with The Discovery Center, a scientific education organization in Bethlehem, PA while pursuing his bachelor's degree in public

relations with minors in materials science and economics at Lehigh University. He supported the organization by developing promotional materials for their new building capital campaign fund.

Later, Tim joined QWIC, Inc. of NJ in the role of Public Relations Coordinator and IT Manager, where he directed the public outreach and survey campaign for the Route 55 Rail Transit Project, a plan for bringing mass transit through the southern part of New Jersey. Returning to the not-for-profit industry in 2006, Tim joined The Food Bank of South Jersey, a charity dedicated to ending hunger, as Development Assistant. There he was responsible for the management of the organization's database as well as direct mail campaigns, special events, and donor acquisition and appreciation. After joining The Food Bank, donations rose over 25% and processing time was halved. In 2007, the yearly donation goal was met by the end of April, a span of 4 months.

KATHY MATTIELLO joined ECS in March as a customer service representative. Among her responsibilities are processing meeting registrations, membership applications and renewals, and book orders. At the biannual meetings, Kathy can be found at the registration desk assisting members with registration, directions, or any other needs.



For over 10 years, Kathy managed her family's bridal business before taking ownership and running the business for

another decade. While remaining in the bridal industry, Kathy left the business in order to spend more time raising her young family. One of her positions was as the manager for Mon Cheri Bridals warehouse. More recently, Kathy continued to hone her customer relations skills after joining Levitz Furniture as the Front Office Manager of a one-million square-foot facility. Kathy's expertise was put to use in overseeing the daily operations of the customer service and delivery departments.

"We're pleased to welcome Tim and Kathy to ECS. Both bring expertise and energy to the various member and constituent services," said Amir Zaman, ECS Director of Membership and Development, "and we're looking forward to their helping the Society provide better communication with our members."

Corporate Member News


**Spotlight on
Bio-Logic USA/Bio-Logic SAS**

This quarter we would like to focus on one of our newest corporate members, **BIO-LOGIC**, which joined earlier this year at the Patron level.

Bio-Logic USA is the exclusive provider of EC-Lab Instruments, the fastest growing line of electrochemistry products on the market. These products include modular single and multi-channel potentiostats/galvanostats, powerful yet easy to use software packages and a complete line of electrochemical accessories. There is also a line of PEM fuel cell test stations, fuel cell kits and membrane assemblies.

Bio-logic USA has four major instrument product lines: Electrochemistry, Rapid Kinetics, Electrophysiology, and Photosynthesis. Electrophysiology products allow electron transfer to be studied in brain, nerve, and muscle tissue, while the Photosynthesis instruments allow the photosynthetic electron transfer in plants and bacteria to be studied. Rapid Kinetics mixers and spectroscopy units are used to study fast reactions for Biology and Bio-molecular chemistry.

New Corporate Members

The number of companies supporting ECS and enjoying the benefits of corporate membership continues to grow with the addition of two new sponsors, Honda Research Institute USA, Inc. and Teledyne Energy Systems, Inc., both joining at the Sponsoring level. In addition to our new partners, Faraday Technology, Inc. upgraded their membership to the Patron level.

HONDA RESEARCH INSTITUTE USA, INC. (HRI-US) was established in 2003 as an independent fundamental research function within Honda. HRI-US has a vision to bring new emerging technologies to the real world, and its operations cover materials science research with a focus on nano functional materials, computer science research bringing human-level artificial intelligence to current and future products, and strategic venturing with technology venture companies that have synergy with Honda. HRI-US offices are located in Mountain View California, Columbus Ohio, and Cambridge, Massachusetts.

TELEDYNE ENERGY SYSTEMS, INC. (TESI), a Teledyne Technologies Company, is a leading global provider of on-site gas and power generation systems and fuel cell test equipment. TESI continuously strives to exceed our customer expectations by listening to their requirements and offering the industry best solutions, based on a 50+ year history of material and production excellence.

Corporate membership is a relationship of great mutual benefit to both member organizations and ECS. As a corporate member, your organization can receive: password-free online access to current and archived content in both of ECS's serial publications, the *Journal of The Electrochemical Society* and *Electrochemical and Solid-State Letters*, for company facilities; complimentary individual memberships; free meeting registrations to our biannual events, which attract upwards of 3,500 scientists each year; subscriptions to ECS's two highly rated journals and the quarterly, *Interface*; recognition throughout ECS's website publications; and, much more.

If your organization is interested in supporting ECS and receiving the benefits of corporate membership, please contact Amir Zaman, Director of Membership and Development, at amir.zaman@electrochem.org or 609.737.1902, ext. 103. ■

To the Editor:

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I read the "All Things Bio" issue of *Interface* with great interest. On December 1, 2006, I tripped over a client and broke a hip. The post-surgery X-ray was fascinating. On the left side was the natural structure and on the right side was a shiny metallic replica. As a Past-President of ECS, I asked first about the materials of construction. The surgeon characterized them as a cobalt-chromium ball with a titanium stem. My next question was whether there was a potential for galvanic corrosion at the interface between the dissimilar metals. The surgeon could not answer that one. The articles in *Interface* did not answer it either, but they did call my attention to other potential corrosion mechanisms that I had not thought about. Dr. Hansen is right. This is something I did not think about at all until it became a personal health issue. My grandmother died of a broken hip, so my last question to the surgeon was how long ago hip replacement surgery became feasible. His answer was 25 years ago. Materials science has been of academic interest to me throughout my career. Now the advances in materials science have assumed major personal importance.

Dr. Joan Berkowitz
Farkas Berkowitz & Company
ECS Past President, 1979-80

Division Officer Slates Announced



Battery Division

Chair

Nancy Dudney, Oak Ridge National
Laboratory

Vice-Chair

Zempachi Ogumi, Kyoto University

Secretary

Ram Manthiram, University of Texas

Treasurer

Bor Yann Liaw, University of Hawaii

Members-at-Large (four to be elected)

Christopher Johnson, Argonne
National Laboratory

Robert Kostecki, Lawrence Berkeley
Laboratory

Marshall Smart, Jet Propulsion
Laboratory

Venkat Subramanian, Tennessee
Technological University

Kevin White, Exponent Inc.



Sensor Division

Chair

Jing Li, NASA

Vice-Chair

Zoraida Aguilar, Vegrands Inc.

Treasurer (one to be elected)

Girish Kale, University of Leeds

Eric Brosha, Los Alamos National
Laboratory

Secretary

Michael Carter, Eltron Research Inc.



Corrosion Division

Chair

Alison Davenport, University of
Birmingham

Vice-Chair

Doug Hansen, University of Dayton
Research Institute

Secretary/Treasurer

Shinji Fujimoto, Osaka University

Members-at-Large (one to be elected)

Kurt Hebert, Iowa State University

Sanna Virtanen, University of
Erlangen-Nuremberg