



**Minutes of the Annual Business Meeting
of The Electrochemical Society
Tuesday, June 1, 2022/1200-1400h PDT
Vancouver Convention Center, Room 301**

I. CALL TO ORDER

The annual business meeting was called to order by President Eric Wachsman. The Secretary confirmed that with over 50 members assembled, a quorum was present.

II. APPROVAL OF MINUTES OF THE PREVIOUS MEETING

President Wachsman introduced ECS Secretary Marca Doeff, who presented the minutes from the previous meeting. The Secretary advised that the minutes of the last meeting were available on the ECS website. She then called for a motion to approve the minutes of the Annual Business Meeting held digitally on June 2, 2021.

ACTION: It was moved and seconded that the minutes of the Annual Business Meeting held on June 2, 2021, be approved. **The motion passed.**

III. REPORT OF THE SECRETARY – MARCA DOEFF

The Secretary announced the Society election results for the offices of President, 3rd Vice President and Treasurer. The new President is Turgut Gür of Stanford University; the new 3rd Vice President is James Fenton of the University of Central Florida; and Elizabeth Podlaha-Murphy of Clarkson University is the new Treasurer.

Secretary Doeff reported on the following areas.

2021 Meeting Attendance: The two virtual biannual meetings attracted almost 7,700 attendees. The Society received over 4,000 abstracts from 70+ countries for the 120 symposia. Symposia sponsors and ECS divisions contributed over \$101,000 in speaker support.

ECS-sponsored conferences: We continue to sponsor conferences around the world. A list of 2021 ECS-sponsored conferences was displayed. Nearly 400 attendees from 30 countries participated virtually in the ECS-sponsored SOFC-XVII (17th International Symposium on Solid Oxide Fuel Cells).

Future meetings: This year's fall biannual meeting takes place in Atlanta, GA. Next year, the 243rd ECS Meeting will be in Boston, MA, in conjunction with SOFC XVIII (18th International Symposium on Solid Oxide Fuel Cells). For the first time since 2009, we will travel to Europe for an ECS biannual meeting. The 244th ECS Meeting will be held in Gothenburg, Sweden, in the fall of 2023.

Individual Membership: As with many organizations like ECS, the COVID-19 pandemic caused a drop in membership. Currently, ECS has approximately 6,900 individual members. Although this is a strong number, it is less than our usual 8,000+ members.

Student Chapters: Over one third of ECS members are now students and early career researchers. This is an increase over the past several years and helped grow the number of world-wide student chapters to 113.

Education Programs: Through ECS programs, we continue to provide funding to support research. This past year, we awarded:

- Five ECS Toyota Young Investigator Fellowships, totaling \$250,000.
- Four ECS Summer Fellowships, totaling \$20,000.
- Divisions awarded over \$19,235 in biannual meeting travel grants.

Institutional Membership: Our institutional members are truly partners in advancing the science and mission of ECS. A complete list of institutional members was displayed.

Publications:

Digital Library

The enduring success of ECS publications is the result of dynamic, concentrated efforts in content procurement, dissemination, and enhancement. In 2021, these efforts elevated ECS publications to new heights.

Last year, ECS Journals received over 4,547 manuscript submissions, which is up 23 percent over 2020 figures. Of this, just over 2,000 journal articles were published and nearly seven million articles and abstracts were downloaded in 2021. This is more than a 62 percent increase over 2020.

Interface celebrates its 30th anniversary this year. To mark this milestone, we are happy to report that the *Interface* digitization project is now complete. All editions of *Interface* are now in the ECS Digital Library on IOP Science.

ECS Transactions published its 100th volume, “IV Congreso Colombiano de Electroquímica.”

Electrochemical Systems, 4th Edition by John Newman and Nitash P. Balsara was published in 2021. This is the first title released under a revised book program launched by the Society and Wiley Publishing, building on our longstanding joint imprint.

IV. REPORT OF THE TREASURER – GESSIE BRISARD

Treasurer Brisard reported that ECS had revenues of \$8.3M in 2021, including investment and real estate income. The majority of revenues (53%) came from three program areas: Publications (35%), Meetings (12%), and Membership (6%). The investment portfolio contributed largely to the total revenues: 36 percent, with a gain of ~\$2.96M, which included interest and dividends, realized gains, and unrealized losses. The remaining revenue came from rental income (6%) and constituent programs, contributions, and grants (5%).

Publications – Publications revenues were \$2.94M, with about \$2.73M from subscriptions/IOP Publishing.

Meetings – Due to both spring and fall meetings being virtual, Meetings revenue was significantly less than expected in 2021.

As with revenues, Publications and Meetings are the main sources (61%) of expenses.

Overall, our combined program services expenses were ~35 percent under budget for the year.

ECS achieved an increase to net assets of ~\$3.0M, due to surpluses in the Publications area of \$1.0M, Membership: \$174K, Fundraising: \$137K, Rental Income: \$15K, and Investment gain: \$2.96M, and offset by deficits in Constituent Programs of \$36K, Meetings: \$353K, Awards: \$218K, and Support Services costs.

Interest, dividends, and realized gains on investments yielded a \$3.1M gain, due to realized gains of \$2.9M, augmented by interest and dividend income of \$184K. This gain is a result of selling investment securities from our portfolio at a greater value than when they were purchased. After subtracting unrealized losses (investment securities in our portfolio at year-end which had a lower value than at the start of the year, but have not been sold) of \$163K, the net investment gain for the year was \$2.96M.

The financial activity for the year yielded an increase in net assets of \$3M. Much like in 2020, 2021 brought difficulties with uncertainties about the pandemic and the cancellation of in-person meetings. However, we are grateful that, even though we are still recovering from the challenges of the past couple of years, the surpluses from program services and gains in the investment portfolio contributed to the significant increase in our net assets.

V. A LOOK AHEAD – Turgut Gür

Vice President Turgut Gür acknowledged the global challenges we are facing, including energy and water security, clean environment, climate change and global warming, and even access to and equity in health care. He stated that many aspects of energy and environment sit squarely at the core of ECS members' research activities. The Society has much to offer, not only in advancing clean technologies for sustainable solutions in energy, environment, and even health, but also in affecting policy decisions guided by science to tackle these critically important global-scale challenges.

He mentioned the need for the Society to be more engaged with our global colleagues and to explore programs that benefit all. ECS provides the ideal platform and unique opportunities to nurture collaborative efforts to achieve sustainable solutions. He also expressed the need to invest heavily in students, postdocs, and young scientists from around the world as future leaders of ECS, and to devote particular attention to diversity in race and gender, as well as inclusivity and equity. His goal as President is to work towards expanding diversity and international participation in membership and help generate resources for young scientists to attend ECS meetings.

He recognized the tireless efforts of our outstanding ECS headquarters staff and leadership team. Their demonstrated resilience, efficiency, and dedication made it possible to steer the Society through the troubled waters of the pandemic, and successfully hold our biannual meetings virtually with record participation.

Respectfully submitted,
Marca Doeff
ECS Secretary