The NAWCC, Inc. is the world's largest museum, research library, educational institution, and international community of horological professionals and enthusiasts dedicated to clocks, watches, time, and timekeeping.

We are committed to being the world leader, educator, and advocate for horology and for everyone who is interested in timepieces and horological issues.

We share the stories of time.

### Board of Directors

<table>
<thead>
<tr>
<th>Term Expiration Year in Parentheses</th>
<th>Director Name</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
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### Ex Officio

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<tr>
<th>Title</th>
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<th>Email</th>
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<tr>
<td>Legal Counsel</td>
<td>MYRON J. MINTZ, ESQ</td>
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### Official Notice

The full text of the approved minutes of NAWCC Board meetings may be found at http://www.nawcc.org/index.php/our association/bod-documents.

### Membership

- **US Memberships** with publications mailed & online:
  - Individual $90, Business $175
  - First-Time Member Special Discount $52

- **Memberships outside US** with publications mailed & online:
  - Individual $114, Business $199

- **eMemberships** with online-only publications:
  - Individual $80, Associate (spouse/significant other of member) $20, Youth $20, Student $35

- **Contributor and Lifetime Memberships available.**

- **Contact Membership Services for information at 717-684-8261 (option 5) or nawcc.org/join.**

- **Change of address, membership application, and membership payment should be sent to NAWCC, Inc., at the address above or by calling 717-684-8261 (option 5), faxing, or emailing membership@nawcc.org.**

- **Members can update contact and payment information as well as make payments by going to My Account on nawcc.org.**
You are holding a special edition of the Watch & Clock Bulletin. We have devoted the lion's share of this issue to the historical research of Paul Henion into the development and use of engraved images in clock tablets. Usually we would publish an article of this size in installments. However, we decided to print this in just one issue because of the lengthy commentary that is integral to the reading of this study. Paul covers lots of territory, making this topic interesting to many audiences. Our covers feature a montage of a few of the plates discussed.

This issue also contains information about NAWCC Nominations as well as past and present Symposia. Keep an eye out for future articles about the horologically related tours of the Black Forest and Bavaria. Continuing to look at the rest of 2020, here are some articles that are slated for publication:

- Restoration of a Boulle Clock
- Minimally Invasive Watch Repivoting
- A Rare Marine Chronometer by a Relatively Unknown Maker
- Cleaning and Restoring Antique Clocks
- In Defense of the Lowly 12-Size American Pocket Watch
- Challenges in Making an Art Deco Timepiece
- Samuel Mulliken’s Account Book

Plus plenty more. Stay tuned!

Christiane Odyniec
Editor
editor@nawcc.org
Library and Archives Supervisor Embraces New Challenges
By Gillian Radel (PA)

Sara Butler-Tongate has accepted a position with Bowling Green State University as their Research Archivist. Sara has been the NAWCC’s Library and Archives Research Center (LARC) Supervisor since January 2012 and, although she is sad to leave, she is excited about the new challenges ahead.

In her time at the NAWCC, Sara has worked hard to create high professional standards in the Library. One of her biggest accomplishments was implementing a new catalog system. This included scanning book covers, tables of contents, and indexes so that materials would be easier for members to find.

Her favorite memories are of working on events for the Museum. “The Clockwork Festival, for example, was a lot of work to organize, but it brought together so many departments,” she said. “Everyone worked so well together and it was incredibly rewarding to have it be such a huge success. It helped us to introduce horology to people who otherwise might not have known they were interested.”

In her new job, Sara will be coordinating all the reference requests for the Center of Archival Collections as well as assigning reference requests and being in charge of student researchers. This is familiar territory for Sara because this was a part of her job at the NAWCC, and that experience is in part why Bowling Green wanted to hire her.

We can’t talk about Sara leaving without mentioning her husband, Clayton. He has been a dedicated volunteer, creating and running the NAWCC eBay store. Whenever anyone needs help, whether it is setting up tables or assisting with a research question, Clayton is the first to volunteer. We will miss his candid honesty, usually followed by a joke, and hearing his laughter throughout the building.

We are sad to see both of them leave, but we are truly excited for their new adventure and wish them all the best.
Because of the resignation of our previous executive director, the Board has established an Oversight & Advancement Committee (OAC) to perform executive responsibilities until a new executive director is hired. Board Officers (Leroy Baker, Chris Miller, Rhett Lucke, and myself) and Directors Jay Dutton, Tom Compton, and Jim Price have been working closely with our leadership team in Columbia, PA. The Board will take the time necessary to find and hire the right person to lead the NAWCC. Controller Jennifer Byers is our Lead in-charge during this transition, and I am proud to relay that our entire headquarters team is doing a great job to ensure that all member activities continue without disruption.

The Board met for three days of strategic and tactical work in November after conducting a comprehensive top-to-bottom assessment of our challenges and opportunities. As previously reported, we are facing a budget deficit for the 2019–20 fiscal year. Significantly more alarming is the condition of our decades-old HVAC system and roof that are beyond repair and require replacement. Many believe that all our needs are covered because the first phase of the For All Time Campaign was successful. The reality is that only a percentage of the interest earnings from this endowment campaign can be spent, and the majority of For All Time commitments will come mostly through donors’ estates in the future. Therefore, this year’s Annual Appeal needs to be a rousing success to raise cash for needed operating expenses. Please step forward and help maximize the generous $250,000 dollar-for-dollar matching pledge received by an anonymous donor. If you need advice about donating, John Cote, our Chair of Development, will be happy to talk with you. Please contact him at johnconte@nawcc.org.

A number of significant steps to curb the deficit and implement controls to ensure that the 2020–21 budget meets expectations have already been taken. These include the following:

1. A hiring freeze for nonessential roles as well as investing in efficiency tools and practices to eliminate the equivalent of four positions
2. Reviewing all employee benefits
3. Renegotiating maintenance and supplier contracts
4. Eliminating most travel expenses.

Please note that every board member is a generous donor to the NAWCC, and nearly all expenses for board activities, including attending board meetings and Regionals as a board representative, are self-funded.

Longer-term actions under consideration include:

1. Reducing Museum hours during the winter
2. Selling the school building
3. Selling a large number of horological items in storage that have not been accessioned and are not of museum quality
4. Simplifying membership categories
5. Implementing a new website to attract new members and better serve all members worldwide

Related to the last point, the OAC has reorganized and outsourced the website project.

Every aspect of the NAWCC depends on the help of the members to be successful. A special shout-out to Lu Sadowski is in order for being the general chair of the successful and well-attended 2019 Springfield National Convention, and also to Bob Frishman and Fortunat Mueller-Maerk for organizing the fantastic NAWCC Ward Francillon Time Symposium with partner Deutsche Gesellschaft für Chronometrie in Nuremberg, Germany. The event was a first-ever, groundbreaking international conference on the history of German horology (see page 92).

I also want to take this opportunity to recognize the achievements of members who received Fellow and Silver Star Fellow awards last year. All Fellow and Silver Star Fellow award recipients are nominated by members using the fellow nomination form on our website. A huge thanks to everyone who has taken the time to complete the nomination form and help give members the recognition they deserve.

**Fellow Award**

Mike Bailey  
Dale Beske  
C.G. Brown  
Edwin Fasanella  
Randy Grunwell  
John Erickson  
Evelyn Slough  
John Wagner

**Star Fellow Award**

Amedeo Sylvester

I wish everyone a healthy, happy, and prosperous 2020. Thank you for supporting the NAWCC.

**Rich Newman**  
NAWCC Chairman of the Board  
rpnewman@yahoo.com
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Maerki, NJ; Donald Saff, MD; Staff: Meghan Kennedy, PA

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James H. Coulson, TN; Jerry Thornsberry, MO;
Carroll W. Wolfe, AR

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Staff: Corinne DeAlmeida, PA

Program
Staff: Corinne DeAlmeida, PA

Research
Staff: Christiane Odyniec, PA

Symposium
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Mary Jane Dapkus, CT; Katie Knaub, PA; Rick Merritt, PA;
Dug North, NH; Staff: Keith Lehman, PA

Traveling Workshops
Pete Cronos, AR, Program Administrator
(wctwprogram@gmail.com); Staff: Corinne DeAlmeida, PA

Ex Officio All Committees
Executive Director

Ex Officio All Committees, except Awards, Ethics, and Nominating & Elections
Board Chair Richard Newman, IL

NAWCC Dates to Remember

All Regional meetings must be scheduled through Convention Committee Coordinator John Koepke by emailing him at
jskoepke@comcast.net, calling 510.236.2197, or mailing 2923 16th Street, San Pablo, CA 94806-2362.

For complete information about Regionals, the National Convention, and the NAWCC Ward Francillion Time Sympo-
sium, please see the Mart & Highlights or go to nawcc.org.