



**2014/2015 Division & Class Report  
to the  
ACerS Board of Directors**

Division/Class: Art, Archaeology, and Conservation Science (AACCS)

Current Division/Class Officers: (complete as appropriate for your Division or Class)

Chair: **Glenn Alan Gates** ([ggates@thewalters.org](mailto:ggates@thewalters.org))  
Vice-chair: **Pamela Vandiver** ([vandiver@mse.arizona.edu](mailto:vandiver@mse.arizona.edu))  
Secretary: **Darryl Butt** ([darrylbutt@boisestate.edu](mailto:darrylbutt@boisestate.edu))  
Treasurer: **John McCloy** ([john.mccloy@wsu.edu](mailto:john.mccloy@wsu.edu))  
Trustee: **Katherine Faber** ([k-faber@northwestern.edu](mailto:k-faber@northwestern.edu))

Incoming Division Officers: (complete as appropriate for your Division or Class)

Positions rotate through *daisy chain*: **Glenn**, as past Chair, will become Chair of the Nominating Committee.  
Treasurer-elect: **Blythe McCarthy** ([MccarBl@si.edu](mailto:MccarBl@si.edu))  
Trustee-elect: **Edwin Fuller** ([edwin.fuller@gmail.com](mailto:edwin.fuller@gmail.com)) – year 1 of 3 year term, beginning in October 2015.

Summary of Meetings and Activities Held/To Be Held (from Oct. 2014 through Oct. 2015):

**Background:** This last year was the third full year of the revitalized AACCS division (formerly the ACerS Art Division). The division focused on increasing visibility, and generating programmatic content focused on the application of the physical and sciences to the analysis of cultural objects made from glass, ceramic, and metal material. Membership is expected to be approximately 125 members by the end of August 2015, down slightly from the previous year, primarily due to the loss of some Potters Council members.

**ACTIVITIES:** The AACCS Division of the ACerS has undertaken the following items in 2014:

- Recruited Edwin Fuller for Trustee after Katherine Faber completes her three year term as of October 2015
- Recruited Blythe McCarthy, Senior Conservation Scientist at the Freer Gallery of Art, Smithsonian Institution, for the AACCS Executive daisy-chain, beginning as Treasurer in October 2015
- Developed a long-term strategy of operation, specifically planning a workshop on years alternating with a biennial symposium at MS&T; for example, the Stanford Synchrotron Workshop (2013), MS&T-Pittsburgh, PA (2014), Miami Workshop (2015), MS&T-Salt Lake City, UT (2016)
- AACCS planned and executed a one-day workshop titled "What's new in ancient glass research" in Miami on May 17, 2015, which occurred between the American Institute for Conservation annual meeting and the ACerS-GOMD annual meeting; POC: P.Vandiver & G.Gates
- Submitted a symposium for MS&T16 in Salt Lake City, UT called *Art and cultural heritage: discovery and education*; POC: D.Butt & G.Gates
- Gates attended the May 16, 2015 ACerS Board of Directors Dinner in Miami

Future Planned Meetings/Activities (from Nov. 2015 – October 2016):

AACS has proposed a symposium for the fall 2016 meeting at MS&T16 in Salt Lake City, UT called “*Art and cultural heritage: discovery and education*”. This symposium will highlight:

1. the latest discoveries in the scientific study of cultural heritage, and
2. showcase novel strategies that employ cultural heritage for education in engineering and science;

POC: D.Butt & G.Gates

New Initiatives/Opportunities:

AACS Executive Committee will develop a plan to better engage Potters Council.

Action Items for ACerS Board Consideration at October 3, 2015 meeting: none

Issues/Concerns:

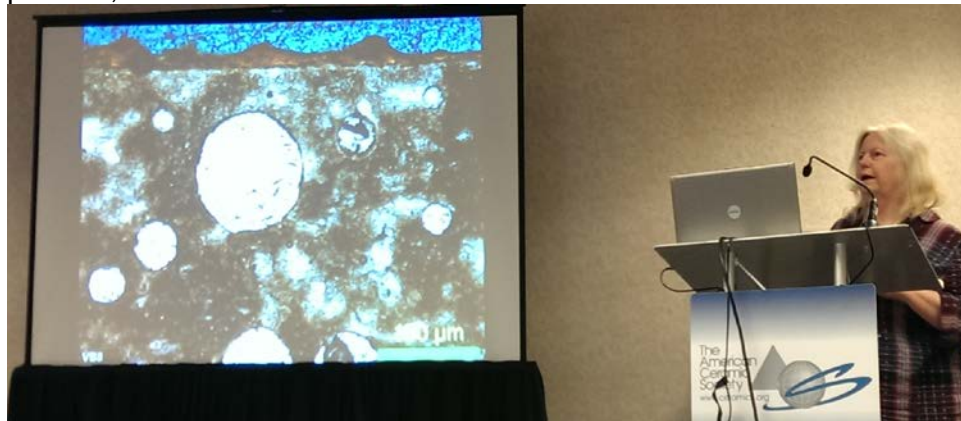
AACS is indebted to ACerS for providing supplementary funding that allowed the division to produce the workshop "What's new in ancient glass research" in Miami on May 17, 2015, in combination with the entirety of AACS 2015 funds. Outcomes include:

- complementary registration for five invited speakers,
- travel support for one keynote speaker,
- registration and travel support for a student assistant needed for the glass-forming demonstration,
- complementary registration for three students, one Library of Congress curator and one conservator
- partial shipping costs for the materials used in the demonstration
- two ceramic core vessels were created, one frit-ware and one wound glass now housed at the Freer Gallery of Art; these are the subject of ongoing scientific study to address how ancient (Egyptians) produced glass vessels with ceramic cores
- attendance by numerous ACerS Board of Directors members

The entire AACS executive wishes to express our deepest appreciation and gratitude for the financial support from ACerS.

Additional Items of Note:

The 2015 AACS Miami Workshop "What's new in ancient glass research" is summarized below, in pictures, with comments:



**The Workshop**  
began with five  
invited lectures  
on new glass  
research

From 3pm until 5pm, the Miami Workshop concluded with an onsite demonstration of Egyptian glass forming around ceramic cores, conducted and arranged by Pamela Vandiver.



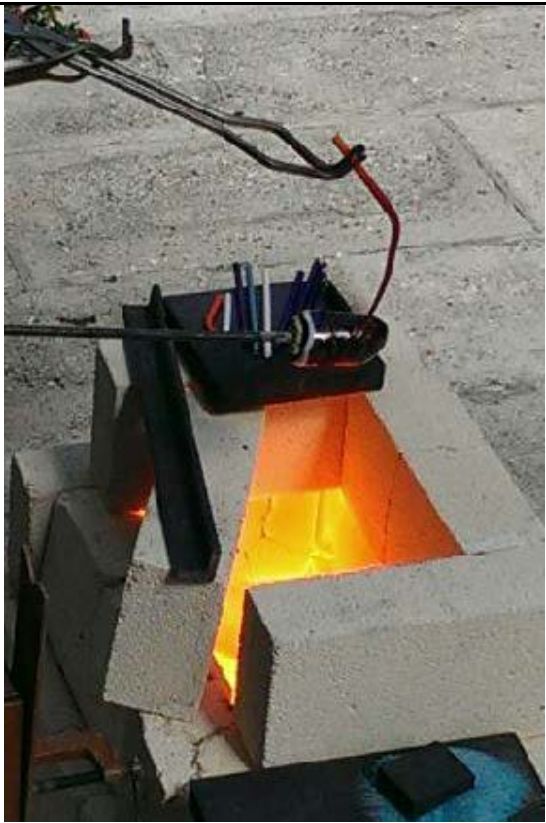
**Furnace construction** for the ancient glass making demonstration, alongside of the Miami River, making do with shattered firebricks (no thanks to UPS).



**Furnace operation** for forming frit glass around a ceramic core; note the gloves in the foreground evidencing safety precautions



**Marvering**



**Wound glass**  
construction  
around a  
ceramic core



**Annealing** in a pot of vermiculite; that's all.



**Board of Directors** visited; that was great



**Great attendance**

Financial Statement: (Including year-end summary of expenditures from the Division's Funds)

Submitted By: Glenn Gates

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