
BOARD OF DIRECTORS MEETING ♦ MINUTES ♦ Saturday, October 11, 2014
Westin Convention Center Hotel, Pittsburgh, Pennsylvania

Board Members Present:

David Green, President
Richard Brow, Past President
Kathleen Richardson, President-elect
Ted Day, Treasurer
Keith Bowman, Director
Elizabeth Dickey, Director
John Halloran, Director
Vijay Jain, Director
Edgar Lara-Curzio, Director
Tatsuki Ohji, Director
Ivar Reimanis, Director
Lora Cooper Rothen, Director
Mrityunjay Singh, Director

Non-Voting Board Members Present:

David Johnson, Parliamentarian
Charlie Spahr, Executive Director

Others Present:

Daniel Lease, Incoming Treasurer
Michael Alexander, Incoming Director
Geoff Brennecke, Incoming Director
Hua-Tay (HT) Lin, Incoming Director
Timothy J. Haugan Chair-elect, Electronics Division

Staff Present:

Teresa Black
Eileen De Guire
Marcus Fish
Sherman Hall
Sue LaBute
Mark Mecklenborg

1.0 Green

CALL TO ORDER AND OPENING STATEMENTS

President Green called the meeting to order at 9:20 a.m. The agenda was approved without additions.

2.0 Green

APPROVAL OF CONSENT AGENDA

2.1 Approval of Previous Board Meeting Minutes

- July 14-15, 2014 Board Meeting
- August 2014 Evote

2.2 Acceptance of Committee Reports

2.3 Acceptance of Division Annual Reports

2.4 Authorization of the Brazil MOU

2.5 Approval of Student Material Advantage Chapters

- Universidad Autonoma de Nuevo Leon, San Nicolás. Nuevo León, Mexico
- Universidad Nacional De Colombia, Medellín, Antioquia, Colombia

On motion by Richard Brow, seconded by John Halloran, the Board voted **unanimously** to approve the consent agenda of October 11, 2014 (excluding the Graduate Researcher Network proposal included in the Member Services Committee report, which is scheduled for discussion separately as Item 7.0 of the agenda).

PRESIDENT'S REPORT

3.1 Welcome 2014-2015 Board Members

Green acknowledged and welcomed the incoming officers and board members:

President:	Kathleen Richardson
President-elect:	Mrityunjay (Jay) Singh
Treasurer:	Daniel Lease
Directors:	Michael Alexander, Geoff Brennecka, Hua-Tay (HT) Lin

Recognize Retiring Board Members

Green acknowledged the retiring officers and board members, thanking them for their many contributions and leadership:

Past President:	Richard Brow
Treasurer:	Thomas (Ted) Day
Directors:	Ivar Reimanis, Lora Cooper Rothen

3.2 Annual Conflict of Interest Declaration

Green requested that the board members turn in a signed Conflict of Interest Declaration.

3.3 Presidential Committees Reports

Fellows Committee

Green updated that the Panel of Fellows is implementing the recommendations of the Fellows Review Committee and results should be available when the next class of Fellows is provided.

Society Lectures Attendance

Green provided an update on the suggestions that were proposed at the July Board of Directors meeting to address attendance at the society lectures that take place during the MS&T conference. Spahr will speak to the MS&T partner organizations executive directors later this week about the concept of moving the Orton lecture to the MS&T plenary session. Green spoke to NICE about moving the Friedberg lecture from ACerS annual meeting to the ICACC meeting; however, the officers were adverse to this action. Videotaping the Rustum Roy lecture was suggested, however, that will not always be possible as was the case this year due to the lecturer declining to be recorded.

Diversity in ACerS

Green provided an update on the progress of the Diversity's Committee interim recommendations, including adding a diversity statement on ceramics.org, and adding demographic information to the membership application. He also reported that the final report from the committee will be distributed to the Board of Directors and that a conference call will be scheduled by the end of October for the committee and Board to discuss the recommendations.

Pan Am Ceramic Societies

Green reported that the terms of MOU with Brazil (Ceramic Association of Brazil) have been approved (as part of the consent agenda). He recommends that an MOU/partnership be explored with the Argentina Ceramic Society next as well as with other Pan Am societies such as Mexico.

ICC5 Report

Green reported that he and Executive Director Spahr attended the 5th International Congress on Ceramics in Beijing in August. While there, they met with representatives of the Chinese Ceramic Society and Prof. Peng Shou, President, International Commission on Glass. CCerS is interested in a joint award symposium, which the Executive Committee will explore further.

ECerS Collaborations – Summer School, Student Exchange Program

Green provided an update on the summer school and student exchange programs being

discussed with the European Ceramic Society. The plan is to organize summer schools alternatively in the US and Europe, with the first one planned to be held in Madrid in 2015 in conjunction with the ECerS annual meeting, followed by one in the US in 2016, possibly in conjunction with ICACC and/or EMA. Regarding the graduate student exchange program, ECerS is proposing a reciprocal arrangement with ACerS. Spahr updated that ACerS needs to find a funding source and identify organizers. A funding proposal is being prepared by ACerS staff for submittal to NSF.

Awards – Lack of Nominations

Green discussed his concern about awards that are not presented at times due to lack of nominations or viable nominations. He would like the award committees to alert the Board in time for action to be taken. Twice in the last couple of years two awards weren't given – Corporate Technical Achievement Award and Ross Coffin Purdy Award – which reflects poorly on the society and it is his hope that this can be avoided in the future.

Strategic Planning for Emerging Opportunities Update (Richardson)

Richardson reported that a TIG on sustainability is being discussed, though a champion hasn't been identified yet. The other three TIGs all have champions and are progressing.

Future Plans (Richardson)

President-elect Richardson outlined her focus areas for the upcoming year as president:

1. ACerS *global diversity* initiative - broadening the scope of activities and involvement
 - Formalize and broaden international integration to Society goals and objectives – to strengthen *existing* and cultivate *new* membership
 - Student, young professional and senior members: development and integration – *within, across and beyond borders*
 - Exploit and extend the best practices and successes of our Divisions and Sections
2. Next steps in the launch of the '*Ceramic and Glass Industrial Foundation*' (CGIF)
 - Continuing Presidential committees

Future Plans (Singh)

Incoming President-elect Singh outlined his focus areas for the upcoming year as president-elect:

- **Appeal/Challenge to Board Members** to recruit members each year and report at each Board meeting what they have done to promote ACerS. A presentation will be provided for use by the Board members to talk about the Society.
- **Presidential Ambassadorship Program** – ACerS Past Presidents are highly under-utilized and Singh would like to see them represent the society, provide mentoring to young professionals, develop new business contacts/opportunities.

Action Item: Singh would like a three person committee to come up with detailed description, expectations, travel and report forms for successful implementation by November 30, 2014; finalized by December 31, 2014, with program to start in January 2015. Vijay Jain will chair the committee with Ivar Reimanis and Geoff Brennecke as committee members.

- **Medal for Advancement of Research and Technology** – To recognize industrial members and corporate executives. Singh would like to start an award for corporate executives – one from North American and one from overseas, to be given at the ACerS Banquet, the award could be a medal plus certificate.

Action Item: A three person Board committee to come up with detailed description, nomination form, selection criteria, etc. for discussion/vote at the January Board meeting in Daytona Beach. This group will work with David Johnson regarding rules and other requirements (draft by December 15th, 2014, formalize by DB 2015 meeting). Singh asked Edgar Lara-Curzio, Tatsuki Ohji and John Halloran to

work on this.

- **Bilateral Symposia for Young Professionals** – There is strong interest from Japan, Brazil, Germany etc. to start a bilateral “Frontiers of Ceramics” symposium. These events could be held in conjunction with some large meeting either in US or in those countries. No action needed at this time as details will be provided in the coming months.
- **ACerS Global Ambassadors Program** is to recognize volunteers who keep giving back to the Society.

Action Item: Society staff to develop certificate and nomination process by December 2014 for implementation in January 2015.

3.4 BOD Liaisons to Divisions/Classes (select for 2014-2015)

The following assignments were made for 2014-2014:

Division/Class	Board Liaison
Art, Archaeology, Conservation Science	David Green
Basic Science	Elizabeth Dickey
Cements	Mrityunjay Singh
Electronics	Edgar Lara-Curzio
Engineering Ceramics	Vijay Jain
Glass & Optical Materials	HT Lin and Kathleen Richardson
Nuclear & Environmental Technology	Vijay Jain and Tatsuki Ohji
Refractories Ceramic	Michael Alexander
Structural Clay Products	John Halloran
Whitewares & Materials	Mrityunjay Singh
Ceramic Educational Council	Keith Bowman
National Institute of Ceramic Engineering	Geoff Brennecka

4.0 Day/Black FINANCIAL UPDATE

4.1 2014 Year-to-Date Through August Results

Treasurer Day reported that the organization is doing well financially. There is a revenue shortfall, which is primarily due to misses in the meetings area. Year-to-date surplus remains strong at \$340k; ACerS is \$122k and CPC is \$218k.

4.2 2014 Balance of Year Forecast

Spahr reported that the \$138k positive variance to the original budget could come down about \$40k by the end of the year.

4.3 2015 Budget Schedule

Day reviewed the 2015 budget planning schedule with final approval to take place at the January 2015 Board meeting in Daytona Beach.

4.4 Investment Portfolio Update and Major Fund Balances

Day reported that there are \$8 million in cash and equivalents, and the year-to-date return is 5%. This represents a \$300k increase over 2013.

4.5 Status of Designated Award Funds

Regarding the **Geijsbeek** fund, Singh updated that he discussed the Geijsbeek fund with Sylvia Johnson as this was a former Pacific Coast Regional Meeting award of the Pacific Coast Section. They agreed that the monies could be used to fund awards to be presented at the PACRIM conferences. Singh will prepare a formal proposal.

Regarding the **Rustum Roy** award fund, President Green updated that he reached out to a few members to gauge their interest in additional fundraising and received no feedback. This year,

in an effort to reduce expenses, the pre-lecture reception was eliminated and the number of guests invited to the post lecture dinner was reduced. The consensus was that while it may look bad to sunset awards, there has to be enough interest and funds to sustain them.

Green suggested that the **Evertt Thomas** funds be allocated to CGIF since their missions seem to align.

As for the Marquis fund, further discussion with the Board of Directors is needed with possible communication with the appropriate heirs about reallocating the funds to modify the way the awards are given, such as for travel grants.

Action Item: Staff Director of Finance, Teresa Black, will contact the auditors and the local grant maker association to explore possible options for reallocating funds.

5.0 Schultz

PRESIDENT'S COUNCIL OF STUDENT ADVISORS REPORT

Chair, Brad Schultz, provided an update of the activities of the PCSA. PCSA accepted 34 delegates from 25 universities, including seven international delegates. Of the 34 delegates, 31 are attending MS&T. The main goal of their Outreach committee is the promoting and selling of the demo kits – since April, 72 kits have been sold and 2300 lesson plans have been downloaded; working on developing new lesson plans. PCSA contributed content for the Bulletin, including eight articles for the student edition; conducted an education survey; raised over \$15k in fundraising; participated in the USA Science and Engineering Festival in Washington DC;

Board members made some suggestions for the PCSA:

- Track the PCSA members after they rotate off, where are they now, are they joining ACerS and the YPN
- Write a book targeted at elementary school age children – “how ceramics impact life”
- Link PCSA and Material Advantage
- Have YPNs conduct talks and to recruit when they return for homecoming for example, about where they are working, etc., to help the pipeline
- Ensure that all MA faculty have the information about the demo kits, encourage faculty to develop curriculum

6.0 Spahr

EXECUTIVE DIRECTOR'S REPORT

6.1 World Kitchen Litigation

Executive Director Spahr provided an update on the World Kitchen litigation. At the request of World Kitchen, the discovery phase has been extended to March 1, 2015, due to their attorney changing firms.

6.2 Operations and New Activity Update

Executive Director Spahr reported the following highlights:

- BrightKey customer service contract will be extended for two years; will work toward a team-based approach to provide a seamless experience for members and customers
- Network and desktop support now being outsourced (EasyIT); working on a number of projects to stabilize and strengthen infrastructure
- Individual membership is slightly down, however, Corporate members are up - 129 in 2014 compared to 112 in 2013
- Impact Factors for the ACerS Journals were recently released - JACerS ranked number 1 with an impact factor of 2.428; International Journal of Applied Glass Science (IJAGS) is ranked number 5 with an impact factor of 1.710; and International Journal of Applied Ceramic Technology (ACT) is ranked number 8 with an impact factor of 1.215
- In addition to 17 proceedings, three ACerS-Wiley Series Books will be released in the coming months

- Phase Diagrams 4.0 was released in May with browser based software – Total of 70 single and multiple licenses and upgrades to Phase 4.0 sold in 2014 YTD
- ACerS-Florida Institute of Technology DVDs on Bioceramics by Larry Hench was recently released; “Why Ceramics Fail and Designing for Safety” DVD by Steve Freiman will be released in December 2014
- Over \$100k in booth sales for Ceramics Expo so far and likely will exceed the original goal
- The MCARE meeting being held in Korea in February 2015 already has over 200 abstracts
- *Bulletin* is now available on app version for Android devices and tablets, as an Emag for desktop or mobile and as a PDF version
- Digitized backfiles of the *Bulletin* will be available by the end of the year
- “Luminaries of ACerS” video interviews are in process; to date: David Pye, Delbert Day and Larry Hench have been completed
- CPC launched a new subscription website with 450 subscribers in the first month
- Art magazine ad sales are better than budget by about \$20k
- Twelve videos will be released in 2014
- Potters Council membership renewals are up 8% and are on track to meet budget for the year

6.3 *Ceramics Expo Trade Show Update*

Spahr updated that the partnership with Smarter Shows is progressing very well, ACerS will derive additional benefits from this relationship - for example, strengthening the *Bulletin's* circulation by including all attendees of the Ceramics Expo. The Ceramics Expo should serve as a key ‘pillar’ for ACerS future industry-related initiatives.

6.4 Member Recruitment

Staff Director of Membership, Meetings and Technical Publications, Mark Mecklenborg, presented membership statistics, reporting that membership has decreased 25% from 1996 through 2014. The Emeritus membership category is growing, so we have a higher percentage of free, older members, need to focus on younger members, to reverse the percentage of decline.

The Board asked these questions:

How many of the MA are ceramics-focused

How many associate comp members go on to become regular members

How much revenue comes from membership versus meetings

Give all first time non-member meeting attendees a free year of membership

Why are companies like Boeing and GE not corporate members...they are members of USACA

How does ACerS member retention compare to other societies

What are the plans to involve corporate members in the society activities

Find out how MRS and TMS attract so many attendees to their meetings

Action Item: Staff Director Mecklenborg will develop a plan that addresses these questions and ways to increase corporate membership to present to the Board at the next meeting in January.

7.0 Membership Committee

NEW MEMBERSHIP PROPOSAL

Graduate Researcher Network

Mecklenborg presented a proposal for a new membership category that directly targets and engages graduate level students around the world interested in ceramics and glass. The Global Researcher Network will provide ACerS benefits plus targeted networking activities, career and leadership training, recognition programs, and volunteer opportunities.

On motion by Mrityunjay Singh, seconded by Richard Brow, the Board voted to approve the development of the “Global Graduate Researcher Network” program and membership category

targeting graduate students as presented in the proposal submitted by the Member Services Committee. The motion carried with 11 for and two abstentions.

Action Item: Mecklenborg will work with David Johnson to develop the rules and to conduct a Board vote. This proposal is to be considered the 30-day notice of the change required for By-law revisions and will include examples of how this membership type is different than MA, YPN Associate, etc.

8.0 Johnson

PARLIAMENTARIAN REPORT

On motion by Edgar Lara-Curzio, seconded by Keith Bowman, the Board voted **unanimously** to approve changes proposed by NICE to the Procedure Manual as described in the Parliamentarian report and modified in Appendix A.

9.0 Hall

CERAMIC PUBLICATIONS COMPANY PRESENTATION

CPC Managing Director, Sherman Hall, presented a history and current structure of the arts organization of ACerS.

10.0 Fish/All

CERAMIC and GLASS INDUSTRY FOUNDATION

Marcus Fish, Development Director, discussed progress to date and plans for the Foundation. He provided a highlight of activities that he's been involved in the past couple of months:

- netForum has been identified as the fundraising database that will be utilized by the Foundation
- Exploring options for a donor research tool
- The marketing process will begin in March, will direct-mail to all members, as well as follow ups via email
- Working on the marketing message and personalized case for support
- Many coordinated messages will be published in the *Bulletin* and CTT
- ACerS Board members will be utilized for introductions to potential donors
- Participation goal is set at 10% of members, which does not include gifts already received
- Ted and Kim Day made a personal donation of \$100,000 to the Foundation!
- CGIF is the gatekeeper of all fundraising of the society

Charlie Spahr discussed the Board of Trustees identification and recruitment process. He updated that Founding Chair, Joel Moskowitz, will not be available to chair the BOT in the near future. In the Executive Committee meeting that took place yesterday, Ted Day was nominated to serve as the acting chair of the Foundation. He accepted pending the necessary approval. It was agreed to wait to approve the chair and BOT members all at one time in the coming weeks.

11.0 Green

EXECUTIVE SESSION

On motion by Ted Day, Seconded by Keith Bowman, the Board voted to move into executive session.

12.0 Green

GOMD PROPOSAL

Carryover of Division Funds

On motion by Kathleen Richardson, seconded by John Halloran, the Board voted **unanimously** to approve the suspension of the GOMD funds roll-over limit currently required by the ACerS constitution for 2014 to allow all unspent division funds to be used to support the 2015 GOMD/DGG meeting in Miami, Florida.

13.0 Green

SOCIETY AWARDS

2015 Varshneya Lecture Awards

On motion by Vijay Jain, seconded by Mrityunjay Singh, the Board voted unanimously to approve Dr. Sabyasachi Sen as the 2015 Darshana and Arun Varshneya Frontiers of Glass Science Lecturer.

14.0 Green

DISCONTINUE EXECUTIVE SESSION AND ADJOURNMENT

On motion by Keith Bowman, seconded by Elizabeth Dickey, the Board voted to end the executive session and adjourn the meeting.

BOARD OF DIRECTORS FUTURE MEETING SCHEDULE

2015

- | | | |
|---------------------|---------------------------|--------------------------------|
| • Daytona Beach, FL | Sunday, January 25, 2015 | 10:00 a.m. – 5:00 p.m. (ICACC) |
| • Miami, FL | Sunday, May 17, 2015 | 10:00 a.m. – 5:00 p.m. (GOMD) |
| • Columbus, OH | Saturday, October 3, 2015 | 10:00 a.m. – 5:00 p.m. (MS&T) |

2016

- | | | |
|----------------------|----------------------------|-------------------------------|
| • Orlando, FL | Saturday, January 23, 2016 | 10:00 a.m. – 5:00 p.m. (EMA) |
| • TBD | Spring/Summer TBD, 2016 | 10:00 a.m. – 5:00 p.m. |
| • Salt Lake City, UT | Saturday, October 22, 2016 | 10:00 a.m. – 5:00 p.m. (MS&T) |

SUMMARY OF ACTION ITEMS

Presidential Ambassadorship Program

Singh would like a three person committee to come up with detailed description, expectations, travel and report forms for successful implementation by November 30, 2014; finalized by December 31, 2014, with program to start in January 2015. Vijay Jain will chair the committee with Ivar Reimanis and Geoff Brennecke as committee members.

Medal for Advancement of Research and Technology

A three person Board committee to come up with detailed description, nomination form, selection criteria, etc. for discussion/vote at the January Board meeting in Daytona Beach. This group will work with David Johnson regarding rules and other requirements (draft by December 15th, 2014, formalize by DB 2015 meeting). Singh asked Edgar Lara-Curzio, Tatsuki Ohji and John Halloran to work on this.

ACerS Global Ambassadors Program

Society staff to develop certificate and nomination process by December 2014 for implementation in January 2015.

Designated Award Funds

Staff Director of Finance, Teresa Black, will contact the auditors and the local grant maker association to explore possible options for reallocating funds.

Member Recruitment

Staff Director Mecklenborg will develop a plan that addresses these questions and ways to increase corporate membership to present to the Board at the next meeting in January.

Graduate Global Researcher Network

Mecklenborg will work with David Johnson to develop the rules and to conduct a Board vote. This proposal is to be considered the 30-day notice of the change required for By-law revisions and will include examples of how this membership type is different than MA, YPN Associate, etc.

The American Ceramic Society



PROCEDURES MANUAL

VII. SOCIETY AWARDS

D. ~~P.A.C.E.~~ KARL SCHWARTZWALDER PROFESSIONAL ACHIEVEMENT CERAMIC ENGINEERING [PACE](#) AWARD (Rules Article RXIII.7.G.)

1. The Committee on Karl Schwartzwaldler-Professional Achievement in Ceramic Engineering (PACE) Award shall be a defined standing committee composed of five members of the National Institute of Ceramic Engineers (the INSTITUTE) who have reached their 41st birthday prior to the current award year. This Committee will be appointed by the Board of Directors of the SOCIETY upon the recommendation by the INSTITUTE President; one member shall be appointed each year for a term of five years. They shall not be eligible for immediate reappointment. The senior member shall serve as chair of the Committee each year.
2. The duties of the Committee are to annually select the winner of the award.
3. The procedures for the award are:
 - a. This Award shall be a joint American Ceramic Society/National Institute of Ceramic Engineers Award.
 - b. This Award is to recognize outstanding young ceramic engineers for achievements significant to the profession and to the general welfare of all people. The purpose of the Award is to focus public attention on the outstanding achievements of young persons in Ceramic Engineering and to illustrate the opportunities available in the Ceramic Engineering profession. ~~The Award is to recognize outstanding young ceramic engineers for achievements significant to the profession and to the general welfare of the American people. The purpose of the Award is to focus public attention on the outstanding achievements of young persons in ceramic engineering and to illustrate the opportunities available in the ceramic engineering profession.~~
 - c. This Award shall be a commemorative glass piece with the words "Schwartzwaldler- PACE Award" accompanied by a certificate containing a citation of achievement on which the Award is based. The presentation shall be made during the Annual Meeting of THE SOCIETY. ~~The Award shall be a glass commemorative piece with the words "Schwartzwaldler - PACE Award" accompanied by a certificate containing a citation of achievement on which the Award is based. The presentation shall be made during the annual meeting of the INSTITUTE and shall be made for such a period of time as the Board of Directors deems appropriate. Funds sufficient for the award are to be drawn by the Executive Director from the SOCIETY upon authorization by the President and Secretary-Treasurer of the National Institute of Ceramic Engineers.~~
 - d. The recipient shall be selected in a manner provided in 8 below.
 - e. The conditions for eligibility of the Award are as follows:
 - i. A nominee must be between 21 and 40 years of age; not becoming 41 during the Award year.
 - ii. A nominee must be a member of the SOCIETY and the INSTITUTE.
 - f. The PACE Award Committee shall:
 - i. Administer the Award program and select the recipient as provided in section 8, hereof.
 - ii. Provide local and national publicity coverage about the recipient and the recipient's achievements.

- iii. Have the power to decide any questions not specifically covered by the Constitution, By-Laws and Rules of the SOCIETY and the Rules of the INSTITUTE.
- g. The chair shall be the custodian of the Active List and maintain a complete file of the current Award Program.
- h. The procedure for selecting a recipient shall be as follows:
 - i. Nominations will be solicited in an issue of the Bulletin published prior to January 15th of the year of a forthcoming Annual Meeting. ~~Nominations will be solicited in an issue of the Bulletin published at least eight months prior to a forthcoming Annual Meeting.~~
 - ii. Any individual or group may enter one or more nominees. ~~Any individual group may enter one or more nominees.~~
 - iii. All nominations must be returned not later than January 15th prior to a forthcoming Annual Meeting. Nominations shall be directed to the Karl Schwartzwalder - PACE Award Committee. Nominees will be judged on answers to the two primary questions.
What outstanding contribution has the nominee made to the nominee's work or profession?
What outstanding contribution has the nominee made to the public welfare?
The contributions referred to in the first question may be of an engineering, managerial, economic, or scientific nature. The contribution referred to in the second question may be of a general nature relating to community and/or public service. Where two or more candidates appear to have made equally impressive contributions, a more detailed evaluation of their general welfare contributions should aid the Committee in selecting the more well-rounded individual. As a condition for consideration, the nominee shall sign the nomination form attesting to the facts contained therein are true and can be used for publication. No supplemental materials will be considered on the original application. Nominations should be done using the form available in The American Ceramic Society website and submitted to the electronic address stated in the form also no later than January 15th of the year preceding the annual meeting of the SOCIETY. ~~All nominations must be returned not later than six months prior to a forthcoming Annual Meeting. Nominations shall be directed to the Karl Schwartzwalder PACE Award Committee. Nominees will be judged on answers to the two primary questions.~~
~~What outstanding contribution has the nominee made to the nominee's work or profession?~~
~~What outstanding contribution has the nominee made to the public welfare?~~
~~The contributions referred to in the first question may be of an engineering, managerial, economic, or scientific nature. The contribution referred to in the second question may be of a general nature relating to community and/or public service. Where two or more candidates appear to have made equally impressive contributions, a more detailed evaluation of their general welfare contributions should aid the Committee in selecting the more well rounded individual. A glossy black and white photograph of the nominee shall be enclosed with the nomination. As a condition for consideration, the nominee shall sign the nomination form attesting that the facts contained therein are true and can be used for publication. No supplemental material will be considered on the original application.~~
 - iv. After January 15th in the year of the Annual Meeting, the chair shall send all duly executed nomination forms to the Committee for their voting to be completed by March 1st. ~~On or before six months prior to a forthcoming Annual Meeting, the chair shall send all duly executed nomination forms to the Committee for their voting. Photographs will be retained by the chair.~~
 - v. Voting by Committee member shall be based equally on the answers given to the two primary questions. Judges shall score six points for their first choice, five for second, etc., for the top six nominees. A winner on the first ballot must have a minimum of twenty-one points. In the event of a tie or no nominee reaching the minimum twenty-one points on the first ballot, the chair shall submit the nominees receiving the five highest scores for rejudging. In the event of a second tie or no nominee reaching a minimum of twenty-one points, scored as on the first ballot, the chair shall resubmit the top three nominees for a third and final judging.
 - vi. The unsuccessful nominees shall constitute an Active List. After being considered for three consecutive years, a nominee shall be dropped from the list.
 - vii. The selection shall be reported to the Board of Directors for their approval at least five months prior to a forthcoming Annual Meeting.
 - viii. The chair or a designated Committee member shall notify the winning nominee of the selection and make the Award presentation at the Annual Meeting of the SOCIETY.

IX. CLASS AWARDS

A. FRIEDBERG, ARTHUR L. LAUREATE MEMORIAL LECTURE – N.I.C.E.

Qualification: "in honor of Dr. Arthur L. Friedberg through the presentation of a Plenary session lecture at the Annual Meeting"

Certificate

1. The purpose of the Lecture is to honor the memory of Arthur L. Friedberg and to serve as recognition for his teaching, research and his numerous contributions to the Ceramic Engineering profession and THE INSTITUTE, including his leadership as Executive Director of THE SOCIETY and THE INSTITUTE. The

notebook of past recipients and a standard operating procedure for selections will be updated each year by the Chair and transmitted to new incoming Chairs to assist them in their tasks.

The objective is to have a Lecture that serves as a tutorial to review and instruct in an area of ceramics with a distinct engineering emphasis. The lecture should be at a level accessible to members of THE SOCIETY and should advance the level of learning in the profession of Ceramic Engineering.

The Awardee shall be someone who has made an outstanding contribution to Ceramic Engineering that has a technological basis relating to the processing or manufacture of ceramic products.~~The purpose of the Lecture is to honor the memory of Arthur L. Friedberg for his/her leadership as the Executive Director of THE SOCIETY and THE INSTITUTE, for his/her leadership as a ceramic engineering educator and for his/her excellence in ceramic engineering research. Furthermore, the Lecture is to recognize outstanding contributions by the Lecturer to the ceramic engineering community.~~

2. The selection committee chair shall be appointed by the President of NICE. The selection committee shall consist of the NICE immediate Past President, NICE President, and NICE President-Elect, plus the three most recent Friedberg laureates. The President shall appoint one member to be Chair of the committee. Selection shall proceed with the selection committee chair informing the committee of the number of nominees (N), on which the selection committee shall vote on a rank order basis of 1 to N. The candidate receiving the lowest total shall be selected to present the lecture. The selection process is to be completed by March 1st. A committee consisting of three members, each serving a three year term, one new member to be appointed each year by the President, shall select the Lecturer, arrange for a time and place for the Lecture at the Annual Meeting of THE SOCIETY and shall provide suitable publicity for the Lecture. The senior member shall be chair of the committee.
3. ~~The Lecturer shall have made important contributions to the ceramic engineering community.~~
43. In recognition of the honor, the Lecturer shall receive an appropriate certificate signed by the President of THE INSTITUTE and the President of THE SOCIETY.~~In recognition of the honor, the Lecturer shall receive an appropriate certificate signed by the President of THE INSTITUTE, the President of THE SOCIETY and the Executive Director of THE INSTITUTE. Furthermore, the Lecture, or a condensation of it, shall be published in the Bulletin of THE SOCIETY.~~

B. GREAVES WALKER, ARTHUR FREDERICK AWARD – N.I.C.E.

Qualification: "render outstanding service to the ceramic profession and who, by their lives and careers have exemplified the aims, ideals and purposes of NICE"

Certificate and glass commemorative piece

The official title of this Award shall be the Arthur Frederick Greaves-Walker Award, in memory of the first President of THE INSTITUTE.

1. The purpose of this Award is to recognize and honor members of THE INSTITUTE who have rendered outstanding service to the ceramic engineering and science professions and who, in their lives and careers, have exemplified the aims, ideals, and purposes of THE INSTITUTE.
2. This Award shall recognize senior members of THE INSTITUTE.
3. The Award shall not necessarily be made each year.
4. The Award shall consist of a certificate and ceramic article or token. The certificate, bearing the embossed seal of THE INSTITUTE, shall identify the purpose of the Award. The nature of the ceramic article or token shall be determined by the Executive Committee of THE INSTITUTE for each Award.
5. Presentation of the Award shall be made at the time of the Annual Meeting of THE SOCIETY.~~Presentation of the Award shall be made at the time of the Annual Meeting of THE INSTITUTE.~~
6. The conditions for eligibility for the Arthur Frederick Greaves-Walker Award are as follows:
 - a. The candidate shall be a member in good standing of THE INSTITUTE.
 - b. The candidate shall be either a Registered Professional Engineer or have been engaged in work predominantly of a science and engineering nature.~~The candidate shall be either a Registered Professional Engineer or have been engaged in work predominantly of an engineering nature.~~
 - c. The candidate shall have passed his 41st birthday on or before the Award year.
 7. The Nominating Committee of THE INSTITUTE (ARTICLE EIR VII) shall serve as the Award Committee, and shall select the recipient and grant the Award, whenever appropriate.~~The Nominating Committee of THE INSTITUTE (ARTICLE EIR VII) shall serve as the Award Committee, and shall select the recipient and grant the Award, whenever appropriate.~~

The members of said Committee to select the recipient of the Award are subject to the Approval of the Board of Trustees of THE SOCIETY (Society Article R IX, 5).

8. ~~Should the Board of Trustees of THE SOCIETY not approve one or more of the members of the Committee provided for in Article R IX, 5, the President of THE INSTITUTE shall submit an alternative name or names for the approval of the Board of Trustees.~~

~~The names of the members of the Committee provided for in Article R IX, 5, thereof, shall be submitted to the Board of Trustees of THE SOCIETY for approval at the Annual Meeting of THE SOCIETY.~~

~~98. The general procedure of selecting recipients and presenting the Award shall be as follows:~~

~~i. The Nominating Committee shall by each Fall, review THE SOCIETY membership for possible recipients. The deadline for this process is January 15. Nominations by general members of THE INSTITUTE will also be considered and should be done using the form available in The American Ceramic Society website and submitted to the electronic address stated in the form also no later than January 15 of each year.~~

~~ii. The Nominating Committee shall, when appropriate, notify the Executive Committee of THE INSTITUTE of selection of an awardee no later than March 1st.~~

~~iii. The Chairman of the Nominating Committee or his/her delegated representative shall then (1) notify the candidate of his/her selection for the Award, (2) advise him/her of the time and place of the presentation of the Award, (3) ascertain whether he/she can be present for the Award ceremony, and (4) prepare an abstract of the recipient's professional life and career to serve as the basis of the presentation citation. The procedure of selecting recipients and presenting the Award shall be as follows:~~

~~— a. The Nominating Committee shall review THE INSTITUTE membership for possible recipients at a time sufficiently in advance of the Society Annual Meeting at which the award would be conferred.~~

~~— b. The nominating Committee shall, when appropriate, notify the Executive Committee of THE INSTITUTE of selections prior to the latter's meeting at which the awardee is to be approved.~~

~~— c. The Chairman of the Nominating Committee or his delegated representative shall then (1) notify the candidate of his selection for the Award, (2) advise him of the time and place of the presentation of the Award, (3) ascertain whether he can be present for the Award ceremony, and (4) prepare an abstract of the recipient's professional life and career to serve as the basis of the presentation citation.~~

~~— d. The Program Committee of THE INSTITUTE shall arrange for a suitable presentation ceremony at the time of the Annual Meeting of THE INSTITUTE.~~

~~409. The Public Relations Committee of THE INSTITUTE shall provide local and national publicity of the Award and achievements of the recipient whenever the Award is made.~~

C — NICE SCHOLARSHIP AWARD