



# Vinyl Division

Winter 2021/22

The Vinyl Division of the Society of Plastics Engineers exists to stimulate and encourage the interchange of non-proprietary information, and to promote the scientific and engineering knowledge related to vinyl plastics technology.

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LANXESS
- Secretary:** **Samuel Timpa**  
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### Chairman's Message



Dear Members

The pandemic has instilled in me a different sense of time. It already seems like ages ago when we were able to participate in the 2021 Vinyltec®, both virtually and in-person in my home state of Indiana! The consensus of the attendees was that, though things weren't yet normal, it was still wonderful to be able to fellowship around the topic of Vinyl. Congratulations to the Central Indiana committee and past-TPC Chair, Curt Badeau, for a well-run meeting. I extend our appreciation to all speakers. Additionally, a very warm thank you to those who purchased a tabletop and our wonderful sponsors. Your participation assures that we will be able to support our scholarship efforts in the future!

Preparations for this year's program are already in the works. The Palisades-MidAtlantic Section will be our hosts. Mark your calendars to meet with us in King of Prussia, September 27 – 29. See the call for papers on page 2 if you would like to submit a presentation. Or reach out to Peggy Schipper (TPC Chair) or others on the committee. The theme this year is "Vinyltec® 2022: Charting the Course for a Sustainable Future". We are looking for papers on PVC Resin & Additives, Megatrends, Sustainability & Recycling and Industry Association Updates. Additionally, if you would like to be more active in the TPC, please also reach out! The vitality of our division is dependent on the ideas and energy of the members.

Lastly, for those of you with students entering or attending college, I'd like to remind you that the Vinyl Division awards several one-time scholarships to children of members. I encourage you to renew your membership, not only so you can contribute to the health of the division, but so you can take advantage of this benefit (see the application on page 6).

Wishing you health and prosperity,

*Beth Fitch*

Beth A. Fitch, PhD

Chairman, Vinyl Plastic Division

# Call for Papers



## Charting a Course for a Sustainable Future September 27-29, 2022

Holiday Crown Plaza, King of Prussia, PA

The Vinyl Division Technical Program Committee is soliciting papers and Keynote Speakers in the following areas:

- Resin and Additives
- Sustainability and Recycling
- Megatrends (Climate Change, Data analytics & Digital Connectivity, Decentralized Financing, Globalization, Health & Wellness, Populations Shift, Resource Constraints, Social Responsibility, Transparency, Workforce Resilience)
- Vinyl Industry Association Updates

**Timeline: ASAP! No later than April 30, 2022**

Please Contact: TPC Chair, Peg Schipper at [peggy@performanceadditives.us](mailto:peggy@performanceadditives.us) with proposed talk title and author

## Call for Vinyl Plastics Division Councilor

The position of Councilor will be open to applicants for the 2022-2024 term this spring. Interested applicants may apply by sending a copy of their bio to [emily.mcbride@emeraldmaterials.com](mailto:emily.mcbride@emeraldmaterials.com) by March 25th to be slated in the April 2022 election.

**Governance Role:** The VPD Councilor provides voice, vote and liaison for the Vinyl Plastics Division to the Council of the Society.

**Councilor Duties:** The VPD Councilor has three primary duties: 1) to actively represent the interests of the Vinyl Plastics Division to the Council and the Society as a whole; 2) to act as liaison between the Council and the Vinyl Plastics Division; and 3) to act in what he or she considers the best interests of the Society as a whole.

**Reporting:** As part of the Councilor's liaison responsibilities, he or she should promptly prepare a report to the Vinyl Plastics Division concerning the events and outcomes of a Society-level meeting. If such a meeting is attended by a proxy, it is the proxy's responsibility to report.

**Attendance:** It is the responsibility of each Councilor to attend all Council meetings. If the elected Councilor is unable to attend a scheduled Council meeting, a proxy with written authority should be provided.

## Call for Vinyl Plastics Division BOD Directors

Several Director positions for the 2022-2025 term will be up for election this spring. Parties interested in active involvement on the Vinyl BOD can send a copy of their bio to [emily.mcbride@emeraldmaterials.com](mailto:emily.mcbride@emeraldmaterials.com) by March 25th to be slated in the April 2022 election.

The VPD BOD is the ultimate body responsible to the Division membership at large for the governance of the Division as a whole, and, as such, is the final authority as to the governance of the Division. The VPD BOD meets 2-3 times per year.



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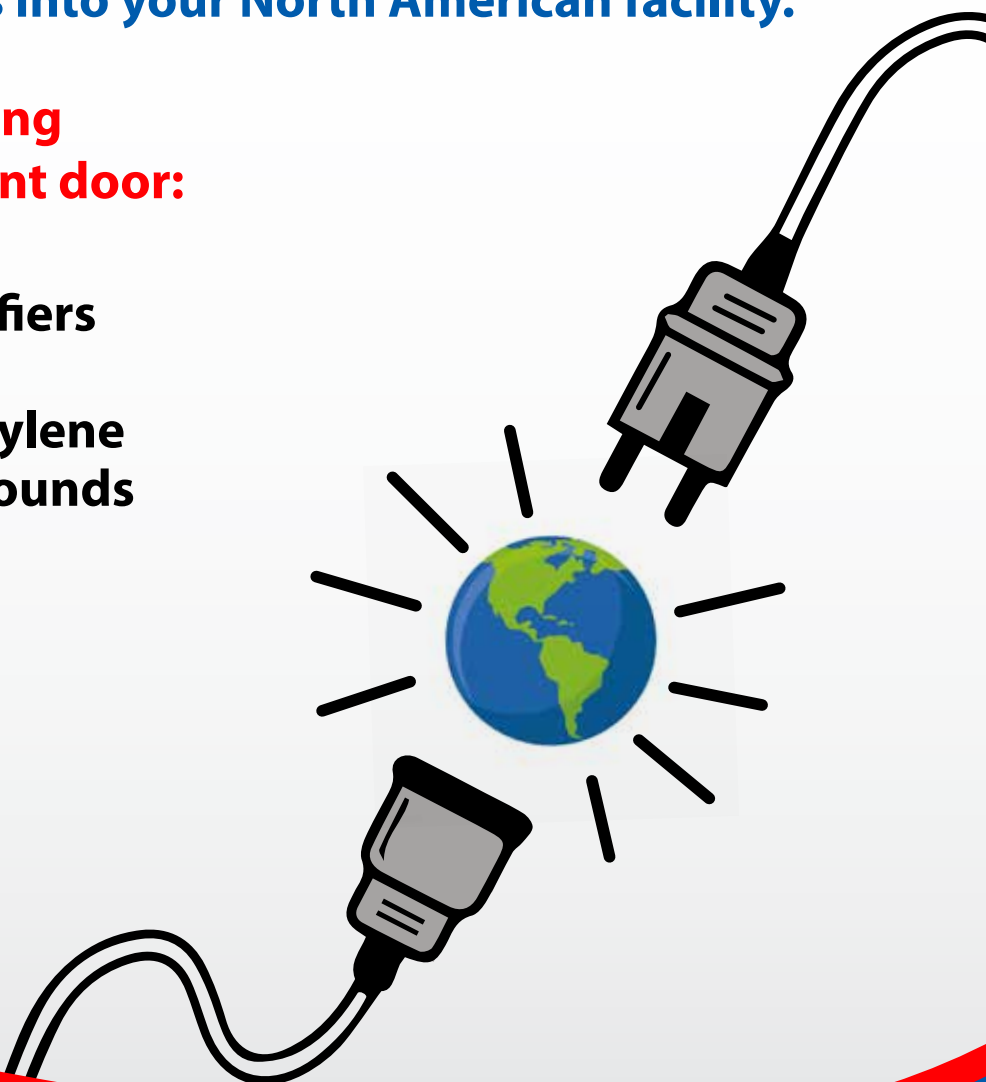


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Flame Retardants  
Nucleating Agents  
SAN Process Aids**



# Councilor's Report

January 17, 2022



## RIGs and TIGs

SPE is introducing two new mechanisms of organization for members to associate. RIGs are Regional Interest Groups and TIGs are Technical Interest Groups. The goal is to make it easier for members to associate within SPE.

RIGs are similar to Sections and have lower administrative burden. Sections are each legally incorporated and must have officers, Bylaws, regular BOD meetings and file tax reports with the IRS and individual states. RIGs operate through SPE and therefore do not require individual incorporation.

Many sections today are struggling to fulfil the requirements for remaining a Section and the RIG stature will allow them to continue to operate in a region. RIGs can only be established in geographies not currently covered by an active Section.

TIGs are like Divisions in that they have a particular technical focus. TIGs are an expansion of and will replace the SIGs that have been around for a while. TIGs provide a structure that allows members to meet and share on a on a technology without the burden of incorporating a Division. This structure could be of interest for promoting a developing technology or even for promoting focus on a branch of technology within an existing Division.

## Diversity, Equity and Inclusion training

SPE President Jason Lyons hosted a training session for Councilors on the importance of enhancing Diversity, Equity, and Inclusion. This is a business imperative for SPE, its members' companies and academic institutions, and the overall plastics industry. SPE strives to create an environment in which everyone is respected and valued and has equal opportunities to develop, advance, and be heard.

To achieve this mission, SPE has adopted the following Strategic Objectives: Education, Internal Recruitment and Professional Development, Career Path

and Stakeholder Engagement.

There are more training tools available from SPE. Check out the "Diversity, Equity and Inclusion" menu at the top of the [4SPE.ORG home page](https://www.4SPE.ORG). There is even a presentation that can be used by chapters or can be available for member's companies.

## SPE urges Chapters to develop customers as well as members.

SPE Executive Pat Farrey led a meeting of the SPE Council to encourage chapters to consider developing customers as well as members. Since 2018, net dues to SPE have dropped by 12 – 15% every year. Pat says that a loss of about 25% of membership annually is consistent with most professional societies. New members are not joining fast enough to replace the attrition. SPE has remained profitable in this period by cutting costs and by finding new sources of income. SPE has sold rights to its technical journals and SPE now charges Sections and Divisions for the services that National SPE provides.

As a Division we derive income from the \$10.00 each member pays for Section/Division membership in the annual dues. A larger share of our income in the Vinyl Division comes from our annual VinylTec® program. This income allows us to continue to support our member's child scholarships, our donation to SPE National scholarship fund, our Plastivan donations and our member awards programs. A successful VinylTec® is key to continuing these programs. We are always looking for new members to assist with VinylTec®. If you are interested, contact Peggy Schipper or any of the officers listed in this newsletter.

# Membership Report

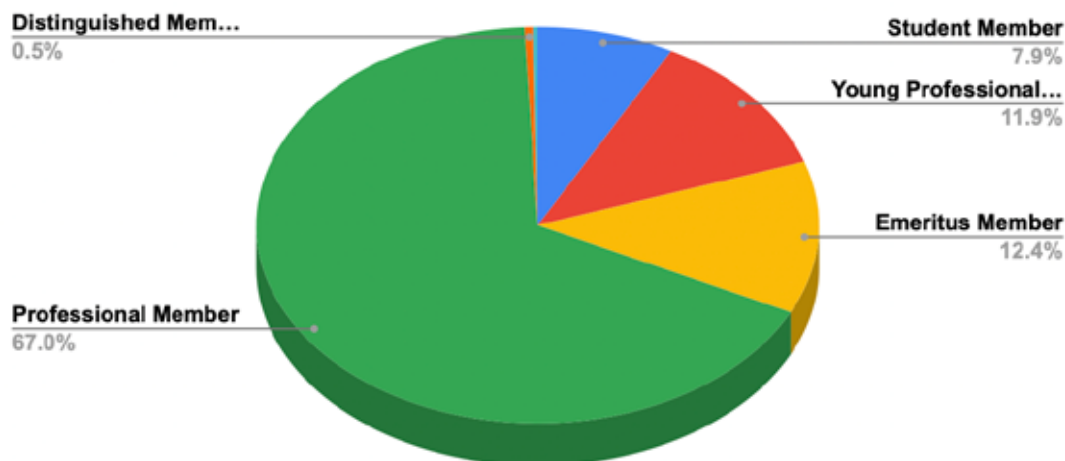
As of Jan. 13, 2022 the Vinyl Division was comprised of 394 members.

*A special welcome to the following new members!*

**September 15, 2021 - January 13, 2022**

<u>Join Date</u>	<u>Name</u>	<u>Company Affiliation</u>	<u>Member Status</u>
09/23/2021	Chris Mackey	Polymercost	Professional
09/29/2021	Christina Xydis	Vynlinfo	Professional
10/08/2021	Joon Cheong		Young Professional
10/11/2021	Ted Fisher	CN Brown Plastics	Professional
10/18/2021	Michael Fox		Young Professional
10/28/2021	Sampath Abeysekera	ACL Plastics PLC	Professional
11/15/2021	Daniel Kim	Aker Solutions	Professional
11/16/2021	Miguel García	Asociación Argentina del PVC	Professional
11/27/2021	Moni Mahesh Ghosh	University of Akron	Student
11/29/2021	Katrina Rachmat	Primaplas Pty Ltd	Professional
12/02/2021	Xiaojun Wang	Spartech LLC	Professional
01/10/2022	Sterling Monster	Monster Polymers Inc	Professional
01/11/2022	Olorunfemi Esan	University of Massachusetts	Student
01/13/2022	Kyla Gabrielle Farinas	Texas Tech University	Student

**Vinyl Division Member Composition - Jan. 2022**



394 MEMBERSHIP COMPOSITION

*Emily McBride*  
Membership Chair, Vinyl Plastics Division

# SPE VINYL DIVISION

## Educational Grant Application and Procedures



### I. Educational Grant

Individual educational grants valued at up to \$2,500 each awarded per calendar year as funding allows.

### II. Selection

#### A. Eligibility

1. Son or daughter of the Society of Plastics Engineers Vinyl Division member in good standing for a minimum of two years. The one time only educational grant is open to all students who will be enrolled in college in the autumn of the award year. *(Students can apply more than once, but can only be awarded one grant. Students do not have to be U.S. Citizens)*
2. Applicant must have a minimum GPA of C+ (> 2.5 or 75%) to be considered. High School seniors must provide a school transcript for the last two years. College students must provide a transcript of their college courses.

#### B. Selection

1. Each year the Board of Directors of the Vinyl Division will determine the number and amount of the educational grants.
2. If there are more applicants than funds available, the specific recipients will be chosen by a random public drawing of eligible applications during the ANTEC® conferences.
3. In a case where a son or daughter of the education grant chair is a grant applicant, another appointed board member will oversee this process.

### III. Education Grant Submission Deadline and Announcement

1. Application deadline is May 31, 2022 for the educational grants for the 2022 academic year starting in the autumn.
2. The candidate's application must be sent to the Vinyl Division education grant chair for review. A picture, preferably digital, should accompany the grant application. The picture of the student(s) awarded the grant(s) will be published in the Vinyl Division newsletter.
3. Winners of the education grants will be announced at the SPE ANTEC® conference and by mail.
4. The grants checks will be issued directly to the selected students.

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The SPE Vinyl Division Education Grant Application Deadline is May 31, 2022

Email completed applications to: [abourgeois@shin-tech.com](mailto:abourgeois@shin-tech.com)

Date: \_\_\_\_\_

1. Name of Applicant \_\_\_\_\_

First

Middle Initial

Last (family name)

2. Social Security Number *(if U.S. citizen last 4 digits)* \_\_\_\_\_ Citizen of: \_\_\_\_\_

3. Home Address \_\_\_\_\_

Street

City

State/Province

Country

Home Phone \_\_\_\_\_ E-mail Address: \_\_\_\_\_

Grade point average last semester \_\_\_\_\_ Cumulative grade point average \_\_\_\_\_

5. Parents Names, \_\_\_\_\_ Addresses \_\_\_\_\_

and SPE # \_\_\_\_\_ 6. Hometown Newspaper \_\_\_\_\_ (Name & Address)

If Married, Student's Spouse's Name: \_\_\_\_\_

7. High School Seniors – H.S. Name \_\_\_\_\_ Address \_\_\_\_\_

and Academic Advisor Name \_\_\_\_\_

8. \_\_\_ Please check here if you are already enrolled in college and year(s) completed \_\_\_\_\_ yrs.

9. College Information: School applicant will attend in autumn \_\_\_\_\_

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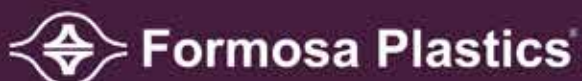
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# Board of Directors Minutes

October 19, 2021

*Attendees:* William Arendt, Curt Badeau, Andy Bourgeois, Randy Brown, Beth Fitch, Beth Griffin, Mark Lavach, Laurent Matuana (virtual), Emily McBride (virtual), Bob Paradis (virtual), David Peebles, Ron Raleigh, Peggy Schipper, and Robert Weiler.

1. Approved of previous minutes.

## Councilor's Report – Bob Weiler

Councilor's role changed. No longer governing body. Councilor more for discussion to “disapprove” something than approve

### Financials

- 2019 4.5 M rev, 3.6 M expense
- 2020 3.2 M rev, 3.7 M expense
- 2021 2.7 M rev, 1.9 M expense
- Rev down 30%, but expenses cut back as well
- Restricted staff, cut back on ANTEC®

### Deemphasis on Regional Sections

- Do not have to be member of regional section to be officer
- Can be entity within SPE, do not need to be separate
- Can become a special interest group, without all the responsibility of a section

**SPE struggling to become more relevant**

## Committee Reports

### Awards Nominees – (Beth Griffin)

Awards given this week:

- Best Commercial presentation (2020) -PVC Markets in Times of Change, *Yvonne Huang*
- Best Technical Presentation (2020) -Lubricant Function and How it Influences Clarity, Color Development, and Thermal Stability, *Rob Decker*
- Contributions to Vinyl Award: *Rich Johnson, Dave Owens, Dave Peebles*
- Outstanding Service to Vinyl Division: *Mick Jakupka, John Scott*
- Acknowledge Contributions to Vinyl and Outstanding Service

Discuss protocol for choosing next year's awardees (Presentations, Contributions, Outstanding Service)

- Move back to 1 or 2 per year
- Nominations come into the TPC
- Awards Chair will manage collecting nominations and votes

## Education Committee – Andy Bourgeois

- 2021 Scholarships
- Follow-ups on options to change scholarships
  - ⇒ 6 scholarships, checks have gone out
  - ⇒ Dave Owen no longer chair
  - ⇒ SPE Vinyl Scholarship from our contribution to SPE scholarship fund
  - ⇒ Standard amount vs divide up a set amount
  - ⇒ Do we want an academic scholarship for a student doing work in plastics/vinyl
    - ◆ Could get complicating, not much work going on in Vinyl
    - ◆ Continue to achieve this through the SPE Foundation

## Treasurer – Randy Brown

- Is an audit required this year?
  - ⇒ What is happening with the \$5k for ANTEC®? What is this? Should it be \$1500?
  - ⇒ Motion: Reduce \$5k to \$1500, reallocate remaining \$3500 to discretionary spending (would have to be approved by the board).
- Passed

## Board of Directors Minutes (unofficial)

continued from page 9

### TPC® Update – Curt Badeau

- Discuss new appointment (*Curt's term expires at end of Vinyltec®*). TPC secretary is typically the next Chair
  - ⇒ 2021 Total: 80 people (18 virtual)
  - ⇒ 2021 Sponsorship: >\$25k
  - ⇒ ~20 rooms short of room block, Good job Curt!
  - ⇒ 2022 TPC Chair: Peggy Schipper
  - ⇒ 2022 Section Chair: Mark Lavach
  - ⇒ 2022 Location: King of Prussia
  - ⇒ 2022 TPC Secretary: TBD (Maybe Mark S. or Glenn Belcher)

### Sponsorship/Newsletter – Peggy Schipper/Bill Arendt

- Newsletters have gone out
- Promote sponsorship at closing business meeting
- Consider handing out most recent Vinyl newsletter at Vinyltec®

### Elections – Emily McBride

- Emily as past chair will be the new nomination Chair
- 2021-24 term were voted on and confirmed. William Arendt, Mick Jakupca, Mark Lavach, Sylvia Moore, Ron Raleigh.
- 2022-2025 term – Re-confirm current members plus add new members. Any gaps?
  - ⇒ Laurent M. and Dave Peebles expire 2022
    - ◆ Double check Dave P. interest in continuing
  - 3 vacant spots
  - ⇒ Curt Badeau
  - ⇒ Glenn Belcher?
  - ⇒ Gary Wedlake?

### New Business -

- The BOD expresses deep appreciation for the work that Curt Badeau, the TPC, Tom Kroll, Dan Stratton, the Indy Section, and SPE Headquarters staff for making Vinyltec® successful during this year's very challenging environment.
- Discussion about upcoming Vinyltecs, Palisades 2022, decide on 2023, add possible 2024
- Akron potentially interested for 2023
- ANTEC® 2022
- Other items
- Archiving
  - ⇒ To be discussed next meeting
  - ⇒ ad hoc committee to be created (Peggy, Ron, and Curt)

- If we get back to normal...
  - ⇒ More online presence, modernize
- Bob's term as councilor ends this summer
  - ⇒ Bob not opting for a new term
  - ⇒ Contact Bob if interested
- IHSM or fellow – do not wait, need to get started early
  - ⇒ Deadline is October 1, 2022
  - ⇒ Add to next agenda (January)
- Talk to the VI about if they are still sending students to the meeting

### Adjournment

Vinyl website: SPE-vinyl.org

## Call for Papers

SPE's Journal of  
Vinyl & Additive Technology (JVAT)

announces a call for papers for an upcoming special issue on **The Role of Additives in Rheology and Processing** which will focus on the use of additives in polymer materials to modify the flow properties of the material to optimize processing into intermediate materials and useful parts.

### Themes include but are not limited to:

- Nanofillers
- Processing Aids
- Compatibilizers and Reactive Processing
- Flow enhancers
- Specially engineered materials, e.g., smart materials, bio-materials, and tribological materials

### Timeline:

Submission closing date: June 30, 2022

Review/revision completion date: October 31, 2022

Special issue publication date: Early 2023

### How to Submit a Paper:

Papers may be submitted through the normal submission portal accessed from the JVAT website:

[onlinelibrary.wiley.com/journal/15480585](https://onlinelibrary.wiley.com/journal/15480585).

### Guest Editors:

Rakesh K. Gupta, [rakesh.gupta@mail.wvu.edu](mailto:rakesh.gupta@mail.wvu.edu)

Matthew S. Thompson, [matthew.thompson@toray-cma.com](mailto:matthew.thompson@toray-cma.com)



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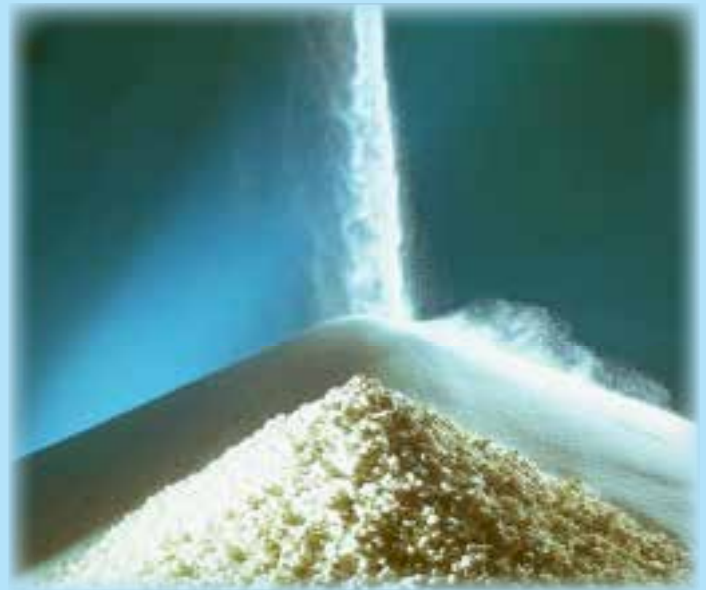
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**Vinyl Division**  
Society of Plastics Engineers  
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Awards Committee Chair .....	Beth Griffin
Education Committee Chair .....	Andy Bourgeois
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