Meeting of the Members

January 10 2021
Sunday, 4-5 PM
Agenda

1. Call to Order and Welcome (Singh)
2. Agenda and Consent Agenda (Singh)
   ○ Approve 2021 Meeting Agenda
   ○ Approve 2020 Meeting of the Members Minutes (on AAPT Conference page)
3. Secretary Report (Baker)
   ○ 2020 National Election Results
   ○ Announcement of 2021 Nominating Committee
4. Section Reps Report (Sturm)
5. Treasurer Report (O’Kuma)
6. Meetings Committee Report (Mogge)
7. Executive Officer Report (Cunningham)
8. President Report (Singh)
9. New Business (Singh)
10. Adjournment (Singh)
Meeting of the Members, Secretary Report
2020 National Election Results

Duane Merrell AAPT Vice President

Krista Wood Two-Year College Representative

Blane Baker AAPT Secretary (re-election)
2021 Nominating Committee

Janie Head (Chair)
Carolina Alvarado
Debbie Andres
Dimitri Dounas-Frazer
David Marasco
Meeting of the Members, Section Representative Report
Treasurer’s Report

AAPT 2021
Virtual Winter Meeting

Tom O’Kuma, Treasurer
## Operation Budget Summary

**Revenue**

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<tbody>
<tr>
<td></td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
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<tr>
<td>Designated Funds</td>
<td>101,449</td>
<td>21,001</td>
<td>80,448</td>
<td>101,710</td>
<td>22,685</td>
<td>79,025</td>
<td>119,529</td>
<td>20,459</td>
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<td>Grants</td>
<td>677,584</td>
<td>626,871</td>
<td>50,713</td>
<td>1,109,966</td>
<td>1,089,386</td>
<td>20,580</td>
<td>1,209,981</td>
<td>1,168,918</td>
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<tr>
<td>Gov't</td>
<td>-</td>
<td>1,200</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>4,887</td>
<td>-</td>
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<tr>
<td>Finance and Administration</td>
<td>4,106</td>
<td>2,076</td>
<td>-</td>
<td>117,368</td>
<td>961</td>
<td>116,407</td>
<td>-</td>
<td>530</td>
<td>-</td>
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<td>Marketing</td>
<td>15</td>
<td>15</td>
<td>-</td>
<td>760,907</td>
<td>737,792</td>
<td>23,115</td>
<td>739,307</td>
<td>706,784</td>
<td>32,523</td>
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<td>Communications</td>
<td>1,941,464</td>
<td>2,125,391</td>
<td>(183,927)</td>
<td>2,013,505</td>
<td>2,203,912</td>
<td>(190,409)</td>
<td>2,032,293</td>
<td>2,396,705</td>
<td>(364,412)</td>
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<td>Programs and Conferences</td>
<td>692,716</td>
<td>750,845</td>
<td>(103,129)</td>
<td>621,096</td>
<td>828,530</td>
<td>(207,434)</td>
<td>953,296</td>
<td>910,695</td>
<td>42,401</td>
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<td><strong>Total Income</strong></td>
<td>4,116,899</td>
<td>4,389,254</td>
<td>(172,355)</td>
<td>4,825,640</td>
<td>4,843,256</td>
<td>(18,616)</td>
<td>5,374,124</td>
<td>5,279,583</td>
<td>94,541</td>
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**Expenses**

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<tbody>
<tr>
<td></td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
<td>Actual</td>
<td>Budget</td>
<td>Variance</td>
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<tr>
<td>Designated Funds</td>
<td>296,504</td>
<td>111,676</td>
<td>124,828</td>
<td>179,513</td>
<td>117,186</td>
<td>62,327</td>
<td>125,017</td>
<td>210,657</td>
<td>(8640)</td>
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<tr>
<td>Grants</td>
<td>599,383</td>
<td>800,738</td>
<td>(201,355)</td>
<td>599,833</td>
<td>751,052</td>
<td>242,219</td>
<td>1,124,061</td>
<td>1,124,795</td>
<td>19,706</td>
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<tr>
<td>Gov't</td>
<td>43,315</td>
<td>43,538</td>
<td>(223)</td>
<td>119,844</td>
<td>110,843</td>
<td>9,001</td>
<td>128,722</td>
<td>119,547</td>
<td>1,175</td>
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<td>Finance and Administration</td>
<td>1,796,174</td>
<td>1,553,828</td>
<td>232,346</td>
<td>1,835,116</td>
<td>1,581,615</td>
<td>253,501</td>
<td>1,982,630</td>
<td>1,716,655</td>
<td>265,975</td>
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<td>Marketing</td>
<td>72,009</td>
<td>63,975</td>
<td>8,034</td>
<td>74,320</td>
<td>66,096</td>
<td>8,224</td>
<td>77,905</td>
<td>69,375</td>
<td>8,530</td>
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<tr>
<td>Communications</td>
<td>271,467</td>
<td>240,552</td>
<td>30,915</td>
<td>303,663</td>
<td>269,594</td>
<td>34,069</td>
<td>317,691</td>
<td>307,903</td>
<td>9,788</td>
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<tr>
<td>Programs and Conferences</td>
<td>690,439</td>
<td>696,829</td>
<td>6,390</td>
<td>789,915</td>
<td>788,951</td>
<td>1,964</td>
<td>956,399</td>
<td>951,341</td>
<td>5,058</td>
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<tr>
<td><strong>Total Expenses</strong></td>
<td>4,158,111</td>
<td>4,040,700</td>
<td>117,411</td>
<td>4,986,143</td>
<td>4,325,651</td>
<td>552,492</td>
<td>5,456,122</td>
<td>5,218,179</td>
<td>238,943</td>
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</tbody>
</table>

Net Income before Investment Activity

- (41,212) 248,594 (289,805)

Funds from LTR & STR for awards & expenses

- (83,103) 487,615 (570,718)

Restricted Contributions

- (83,999) 51,413 (145,411)

Total awards and restricted contributions

- (83,103)
Operations Budget Highlights

• Income slightly lower than budget
  • Gains in designated funds, grants, and finance and administration mostly offsets losses in membership, communications, and programs and conferences.

• Expenses higher than budget
  • Increase expenses in most areas

• Anticipated a small year-end operations loss

• Next year’s budget may also have a small deficit
Investment Performance

• Long Term Reserve
  • Market Value on December 31, 2019 $6,393,206
  • Market Value on November 30, 2020 $7,040,173
  • Gain (Loss) $646,967 (10.1%)

• Short Term Reserve
  • Market Value on December 31, 2019 $922,494
  • Market Value on November 30, 2020 $940,813
  • Gain $18,319 (+1.99%)

• Total
  • Market Value of November 30, 2020 $7,980,986 (9.09%)
## 2021 Operations Budget
(all projected)

<table>
<thead>
<tr>
<th></th>
<th>2020 Budget</th>
<th>2021 Budget</th>
<th>Change</th>
<th>% Change</th>
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<tbody>
<tr>
<td>Income</td>
<td>$5,902,580</td>
<td>$4,950,861</td>
<td>(-$951,719)</td>
<td>(-16.1%)</td>
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<tr>
<td>Expenses</td>
<td>$6,476,439</td>
<td>$5,420,494</td>
<td>(-$1,055,945)</td>
<td>(-16.3%)</td>
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<tr>
<td>Net Before Investments</td>
<td>(-$573,859)</td>
<td>(-$469,633)</td>
<td>$104,226</td>
<td>+18.2%</td>
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AAPT Meeting of the Members
Sunday, January 10, 2021
Virtual
Meetings Committee Report
Members of the Meetings Committee

Mary Mogge  Chair
Jan Mader  President-Elect
Toni Sauncy  Vice-President
Brad Ambrose  Section Rep SM22
Kenneth Walsh  Section Rep WM21
Deonna Woolard  Section Rep SM21
David Marasco  Rotating Member #1
Wendy Adams  Rotating Member #2
Tiffany Hayes  Ex-officio
Beth Cunningham  Ex-officio
Future Meetings

2021
SM21 Scheduled for Washington, DC
July 31-August 4, George Washington University, Grand Hyatt

2022
New Orleans
January 8-11
Hilton New Orleans Riverside

Grand Rapids, MI
July
Grand Valley State University, Amway Grand Plaza Hotel/Convention Center
Future Meetings

2023
Portland, Oregon  January
Portland CC, Sylvania campus

Pasadena, CA  July
Pasadena CC

2024
Sacramento, CA  February 3 - 6

Boston, MA  July 6-10
Westin Bayfront Hotel
The Meetings Committee has recommended that AAPT adopt the APS Meeting Criteria Statement and include the bullet items in AAPT’s checklist for potential hosts from WM25 onward.

The criteria was developed by the APS meetings committee, approved by the APS, and can be found at

https://www.aps.org/publications/apsnews/202011/police-conduct.cfm
2020 Meeting of the Members
Executive Officer’s Report
Beth A. Cunningham

2007 HS Photo Contest
Honorable Mention
Jonathan Walker
AAPT Staff Update

• Farewell:
  – Lutrina Jackson, Executive Assistant
  – Terrence Hunt, Web Developer

• Welcome:
  – Julie McIntyre, Executive Assistant
    • Julie is coming from the Community Foundation of Howard County
    • >20 years experience

• Thank you to a very hard working staff especially in 2020!
2020 Year in Review

We had a wonderful WM20 in Orlando and were moving along with our 2020 projects. Then in March....

THE PANDEMIC HAPPENED!

And, the nation started facing the seriousness of systemic racism.
AAPT’s Response (Highlights)

- Staff moved to “work from home” on March 17th. ACP started allowing up to 25% occupancy in September.
- Weekly teaching resources list sent to members starting in March.
- Regular Virtual Coffee Hours started in April.
- All AAPT’s contests (PhysicsBowl, HS Photo, Physics Team training camp, Apparatus) canceled.
- SM20, WM21, New Faculty Workshop, and Department Chairs Conference moved to being virtual.
- IT assessment conducted by consultants to consider options for the open IT position.
- Consultants hired and produced report in October that outlines steps to create ComPADRE Next Generation.
- Participated in #ShutDownSTEM day in June (work in progress).
- Conducted search for new investment advisors for AAPT’s reserves (for Investment Advisory Committee).
- Developed financial scenarios in April for the remaining 2020 budget and produced 3 scenarios for the 2021 budget.
Grants Received in 2020

• Collaborative Research: IPLS Fluids Concept Inventory Development (NSF)
• Empowering Diverse Voices in Communicating Science (NSF) [to support the U.S. Delegation to the IUPAP International Conference on Women in Physics]
• Equity and Inclusion Physics Instruction Three Part Workshop (AIP)
2020 Programs & Activities

• Offered our first virtual national meeting – SM20
• High School Teacher Quantum Workshops in fall (virtual) – funded by NSF
• Grew STEP UP community of teachers to 2,000+ (funded by NSF) https://engage.aps.org/stepup/home
• Produced Get the Facts Out resources (funded by NSF) https://getthefactsout.org
• Participated in #ShutDownSTEM day
• New Faculty Workshop in fall (virtual)
• Department Chairs Conference in fall (virtual)
• U.S. Delegation to IUPAP International Conference on Women in Physics – delegates chosen
• Continued to build the framework for the Physics & Astronomy SEA Change pilot program
Event Participation Code of Conduct

Incidents

• WM20:
  – 0 incidents reported

• SM20:
  – 2 incidents reported. Both incidents have been addressed and resolved.

• Executive Officer continues to participate in virtual “hot topic” workshops and events conducted by the Societies Consortium on Sexual Harassment in STEMM (AAPT is a member of the Societies Consortium)
In Memoriam

• Curtis Hieggelke (January)
• Carl Curtis Duzen (April)
• Lillian McDermott (July)
• Charlie Reno (August)
• Uri Haber-Schaim (September)
2020 Area Committee of the Year

• Diversity in Physics
• Physics in Two-Year Colleges

• Honorable mention:
  – Physics in Undergraduate Education
  – Science Education for the Public
New online community for AAPT members and committees
First Doc Brown Futures Award will be given at WM21
Physics & Astronomy SEA Change pilot to begin (funded by AIP)
New Faculty Workshops (virtual in June, in-person in November) (funded by NSF)
Computational Physics Capstone Conference – virtual in August (funded by NSF)
Master Teacher Instructional Leaders: Underrepresented Teachers of Physics Fellowship will continue (funded by AIP)
Last Computational Modeling in Physics First workshop for K-12 teachers – (funded by NSF)
Second Quantum Computing Workshop for HS Teachers
Conference on Quantum Information Systems for HS Teachers
U.S. Delegation to attend the IUPAP International Conference on Women in Physics – virtual in July (supported by AAPT and funded by NSF)
Thank you for your continued support of AAPT!
Meeting of the Members, President Report
Strategic Plan

Goals
1. Continue to engage and invigorate the vibrant community of physics students and physics educators.
2. Enhance professional development opportunities for physics educators.
3. Enhance the visibility and role of AAPT as an expert on physics education policy and practice.
4. Enrich the field by supporting the diversity of physics students and educators at all levels.
Strategic Plan

AAPT will support projects and activities that:

- Ensure that all teachers have access to best practices and high quality instructional materials that meet their needs, support their efforts in curriculum development and account for regional differences. These materials should either provide guiding principles or be practitioner ready;
- Create learning spaces that leverage student expertise in the science and physics classroom and establish classrooms where instructors are informed by students, are attentive to student culture, and are culturally sensitive. These learning spaces should foster inclusivity and dismantle gatekeeper mentality.
- Support diverse, emerging leaders, at all levels of physics education and engage the next generation of physics educators striving to create equitable, inclusive, and diverse physics classrooms.
● There are multiple places/mtgs where ideas from members and committees get discussed (EO/Pres-Elect/Pres; Board; AAPT Staff, Town Hall Meetings, etc...)

● We
  ○ try to be reflective and think through challenges / resource needs / member value / …
  ○ see if there are examples from other organizations, bring in membership / AAPT Staff expertise, …
  ○ Prioritize things based on a number of factors
  ○ will make mistakes but we’re very open to learning … please continue to hold us accountable
Structure Considerations

- How can foster ways that ideas from all members are heard?
- What is the right governance structure to move big ideas forward?
- How can we best support the strategic work of area committees?
- How can we get more members, especially early career members active in committee and leadership efforts?
- Expanding voting privileges for student members
- Diversity, Equity, Inclusion plenaries/workshops during the conference
- AAPT/Board Discussions with Area committees about their priorities/values/activities
- AAPT’s Carbon footprint
- Accessibility at Meetings and Beyond
- Enhancing Diversity, Equity, and Inclusion Resources at all levels
- Developing longer term relationships with marginalized communities around STEM and Physics Education
Policy and Advocacy

* AAPT Leadership has been to the Hill three times since July 2018 with the support of the AIP Public Policy Team.

* In 2020, virtual congressional visit due to COVID-19.

* When meeting is in DC, we want to support AAPT Membership to engage in advocacy (e.g., at the SM 18 meeting in Washington DC)

* AAPT developed one pagers!
Thanks!

**AAPT Members**
(all the great work you do every day, keep holding AAPT accountable)

**EO, AEO and AAPT Staff**
(small but powerful team)

**Area Committees**
(doing great work, from our programs to helping us think about the big picture)

**Section representatives**
(connection to local/regional efforts)

**Board of Directors**

[Images of rotating off the Board and joining the Board members]
New Business
Adjournment