

# AAPT Meeting of Members

January 6, 2022

7:00-8:00 PM ET

# Agenda

## **Call to Order and Welcome (Mader)**

### **Agenda and Consent Agenda (Mader)**

- Approve 2022 Meeting Agenda
- Approve 2021 Meeting of the Members Minutes (Posted)

### **Secretary Report (Baker)**

- 2021 National Election Results
- Announcement of 2022 Nominating Committee

### **Section Representatives Report (Holsenbeck)**

### **Treasurer Report (O’Kuma)**

### **Meetings Committee Report (Mogge)**

### **Chief Executive Officer Report (Cunningham)**

### **President Report (Mader)**

### **New Business (Mader, Sauncy)**

### **Adjournment (Mader)**

Meeting agenda and Minutes 2021 available online:

<https://www.aapt.org/Conferences/WM2022/index.cfm>

# Secretary Report

## **2021 AAPT Board of Directors Election Results**

Vice-President: Kelli L. Warble

Four-Year College Representative: Mario Belloni

Treasurer: Thomas L. O'Kuma

# Nominating Committee

2022 Nominating Committee

Debbie Andres

David Marasco

Deborah Roudebush

Kenric Davies

Joe Kozminski

# Sections Representative Report

# Treasurer's Report

AAPT 2022

Virtual Winter Meeting

Tom O'Kuma, Treasurer

# Operation Budget Summary

	November 2021 Year to Date Actual	November 2021 Year to Date Budget	November 2021 Year to Date Variance	November 2020 Year to Date Actual	November 2020 Year to Date Budget	November 2020 Year to Date Variance	November 2019 Year to Date Actual	November 2019 Year to Date Budget	November 2019 Year to Date Variance
<b>Revenue</b>									
DESIGNATED FUNDS	59,151	37,169	21,982	108,449	21,001	87,448	51,170	22,885	28,485
GRANTS	1,511,999	915,425	596,574	677,584	625,871	51,713	1,100,966	1,049,388	51,580
GOVERNANCE	-	-	-	-	-	-	-	-	-
FINANCE AND ADMINISTRATION	25	-	25	4,196	1,220	2,976	137,368	961	136,407
MARKETING	5	-	5	15	-	15	-	-	-
MEMBERSHIP	668,139	616,831	51,308	637,455	719,966	(82,511)	700,567	737,782	(37,225)
COMMUNICATIONS	1,832,468	2,101,929	(269,461)	1,996,484	2,125,391	(128,907)	2,013,903	2,203,912	(190,009)
PROGRAMS AND CONFERENCES	427,020	458,250	(31,230)	692,716	795,845	(103,129)	821,066	829,530	(7,464)
<b>TOTAL INCOME</b>	<b>4,498,807</b>	<b>4,129,604</b>	<b>369,203</b>	<b>4,116,899</b>	<b>4,289,294</b>	<b>(172,395)</b>	<b>4,825,040</b>	<b>4,843,266</b>	<b>(18,226)</b>
<b>Expenses</b>									
DESIGNATED FUNDS	149,790	147,897	1,893	236,594	111,676	124,918	179,513	117,186	62,327
GRANTS	920,329	893,402	26,927	599,383	806,738	(207,355)	995,833	751,052	244,781
GOVERNANCE	11,771	11,181	590	43,315	43,538	(223)	119,044	110,843	8,201
FINANCE AND ADMINISTRATION	1,741,201	1,737,401	3,800	1,736,174	1,653,828	82,346	1,836,516	1,681,615	154,901
MARKETING	69,056	61,140	7,916	72,689	63,975	8,714	74,320	66,096	8,224
MEMBERSHIP	284,808	221,725	63,083	271,467	240,552	30,915	303,663	259,594	44,069
COMMUNICATIONS	683,546	640,833	42,713	690,459	685,829	4,630	709,418	709,861	(443)
PROGRAMS AND CONFERENCES	445,971	438,070	7,901	508,030	434,564	73,466	699,836	656,404	30,432
<b>TOTAL EXPENSES</b>	<b>4,306,472</b>	<b>4,151,649</b>	<b>154,823</b>	<b>4,158,111</b>	<b>4,040,700</b>	<b>117,411</b>	<b>4,908,143</b>	<b>4,355,651</b>	<b>552,492</b>
Net Income before Investment Activity	192,335	(22,045)	214,380	(41,212)	248,594	(289,806)	(83,103)	487,615	(570,718)
Funds from LTR & STR for awards & expenses	-	-	-	-	-	-	-	-	-
Restricted Contributions	-	-	-	-	-	-	-	-	-
Total awards and restricted contribution	-	-	-	-	-	-	-	-	-
Net Income W/O awards and restricted contributions	192,335			(41,212)			(83,103)		
<b>Special Funds not available for fund operating budget or awards</b>									
<b>Revenue :</b>									
PTRA	3,190	3,190	-	5,408	4,715	693	9,989	4,000	5,989
PER	36,486	37,833	(1,347)	33,246	85,208	(51,962)	73,785	85,583	(11,798)
<b>Expenses</b>									
PTRA	1,326	2,520	(1,194)	5,932	3,611	2,321	11,673	6,465	5,178
PER	44,101	13,980	30,121	29,478	22,122	7,356	69,738	45,339	24,399
Net income Special Funds	(5,751)	24,523	(30,274)	3,244	64,190	(60,946)	2,383	37,749	(35,386)
Net Income excluding awards & restricted contributions	198,098			(44,466)			(85,468)		

# Operations Budget Highlights

- Income higher than budget
  - Gains in designated funds, grants (very large gain), and membership offsets small losses in communications, and programs and conferences.
- Expenses are larger than budget
  - Increase expenses in all areas, but small increases
- Anticipated a small year-end operations gain
- Next year's budget will probably have a deficit

# 2022 Operations Budget

(all projected)

	2021 Budget	2022 Budget	Change	% Change
Income	\$5,340,336	\$5,220,590	(-\$119,746)	(-2.24%)
Expenses	\$5,860,819	\$5,837,251	(-\$23,568)	(-0.40%)
Net Before Investments	(-\$520,483)	(-\$616,661)	(-\$96,178)	(-18.48%)

# Investment Performance

- Long Term Reserve
  - Market Value on December 31, 2020 \$7,322,976
  - Market Value on November 30, 2021 \$8,011,159
  - Gain (Loss) \$688,183 (9.4%)
- Short Term Reserve
  - Market Value on December 31, 2020 \$942,270
  - Market Value on November 30, 2021 \$933,815
  - Gain (Loss) \$8,488 (-0.90%)
- Total
  - Market Value on November 30, 2021 \$8,944,974 (8.22%)
- Note: a significant portion of our investment funds have been changed to ESG (environmental, societal, and government) funds.

AAPT Meeting Location Committee  
 Report to Meeting of the Members  
 Wednesday, January 6<sup>th</sup>, 2022

The Meetings Location Committee met Saturday, December 11<sup>th</sup>, at 11:00 AM EST.

It is the end of Mary Mogge’s three-year term as chair of the committee. Gordon Ramsey will become the new chair at the end of WM22.

Current sites for future meetings

None of the sites are new. All were previous voted on and approved by the Meetings Location Committee and the Board of Directors. Some of the dates have been changed because of the pandemic. Note: Dates (where listed) do not include pre-meeting meetings or post-meeting PERC.

	Winter	Summer
2022	Virtual	Grand Rapids, Michigan Grand Valley State Univ. July 9-13 Amway Grand Plaza Hotel & CC
2023	Portland, Oregon January 14 – 17 Portland CC (Sylvania campus), Hilton Portland Downtown	Sacramento, CA Summer 2023 Sheraton (PASCO’s 60 <sup>th</sup> )
2024	New Orleans January 2024 Hilton New Orleans	Boston July 6-10 Westin Bayfront Hotel
2025	TBD	Washington, DC July 2025 Grand Hyatt
2026	TBD	Pasadena, CA July 2026 Pasadena CC and Hotels
2027	New Orleans January 2027 Hilton New Orleans	Washington, DC July 2027 Grand Hyatt

AAPT still needs sites for WM25 and WM26.



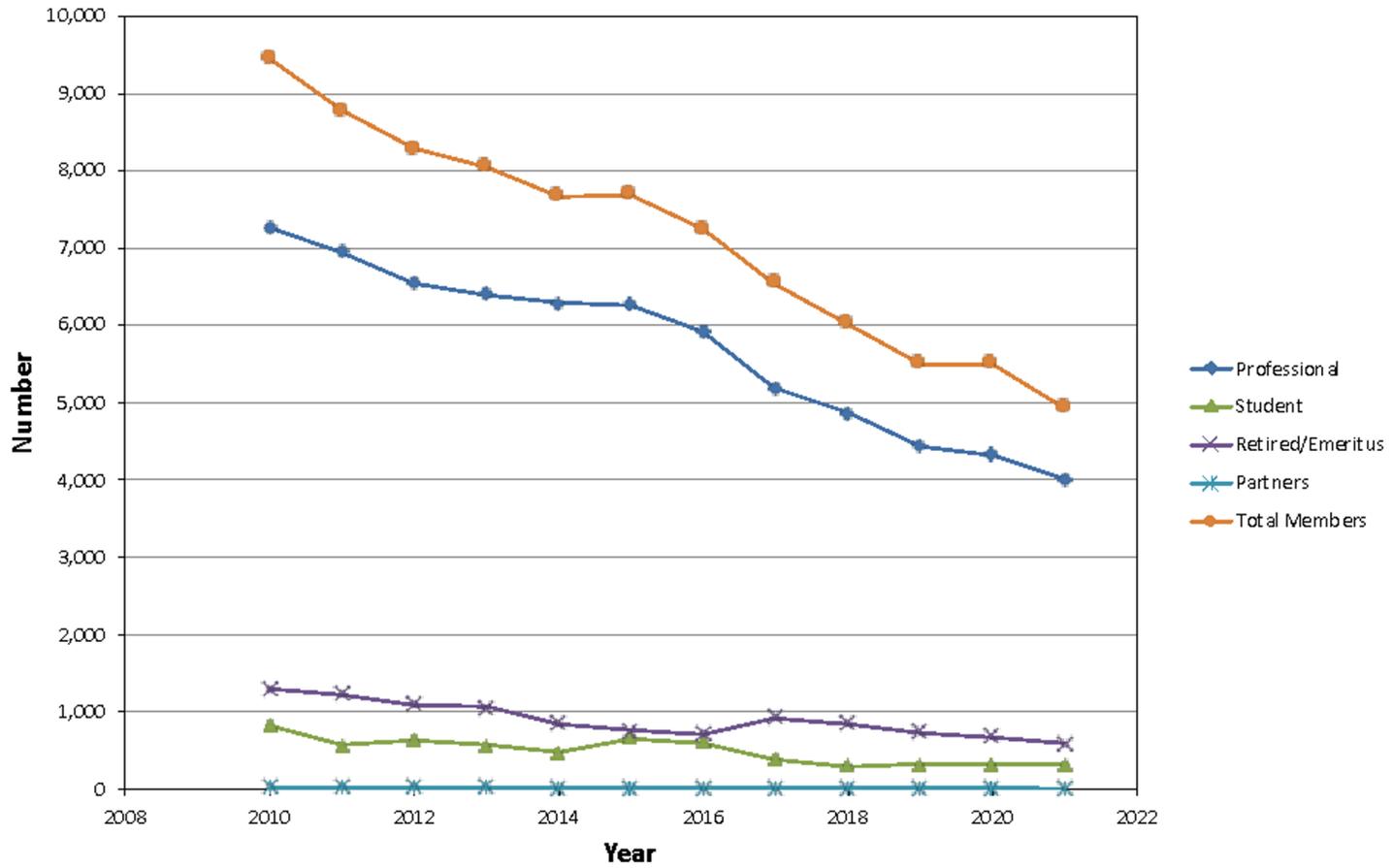
2022 Meeting of the  
Members  
Chief Executive Officer's  
Report  
Beth A. Cunningham

2018 HS Photo Contest  
Nathaniel Ray Wilson  
Honorable Mention

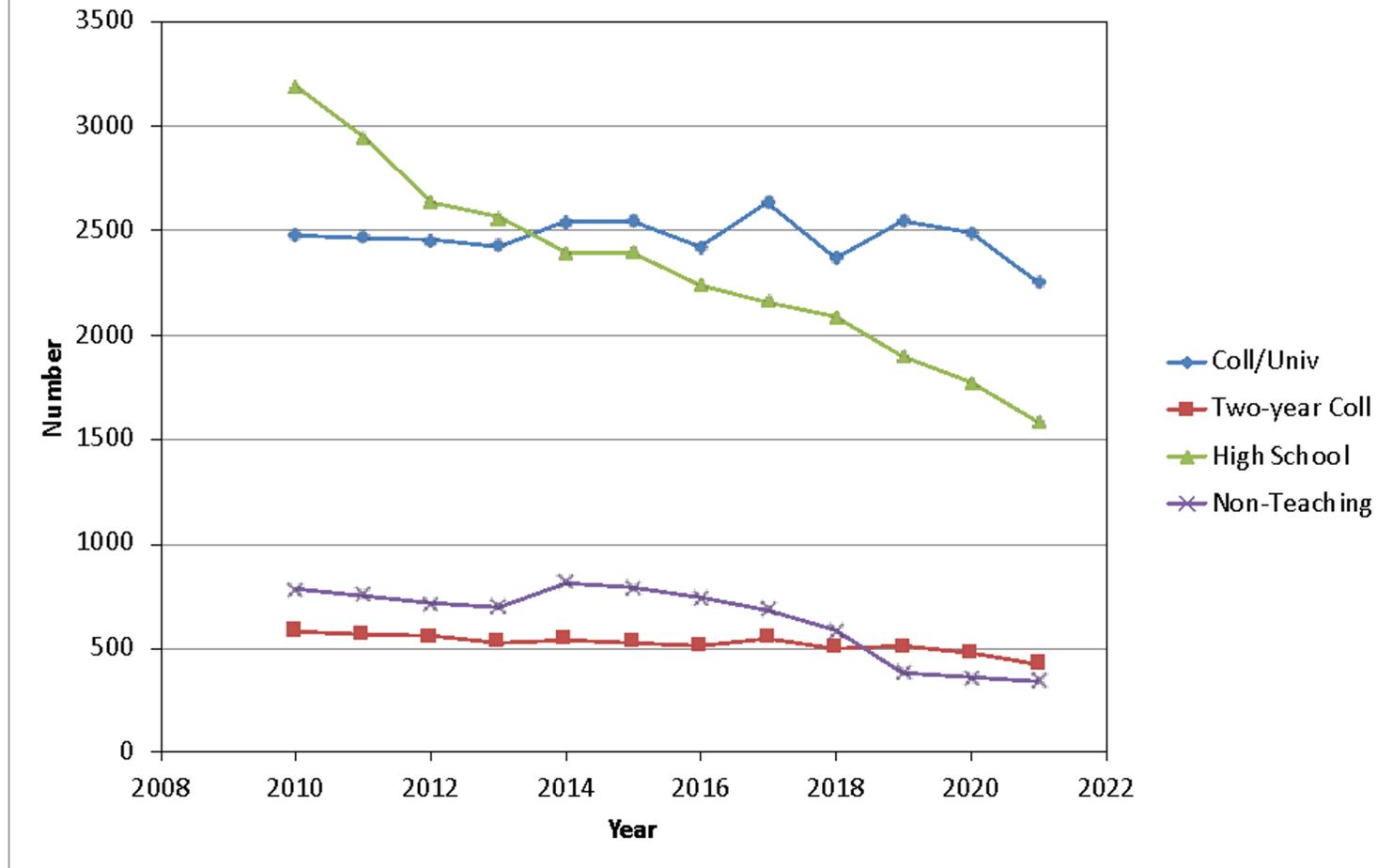
# AAPT Staff Update

- Farewell:
  - Leti Marquez, Registration and Logistics Coordinator
- Welcome:
  - Jamar Jennings, Registration and Logistics Coordinator
    - Jamar was an intern at AAPT several years ago!
- Thank you to a very hard working staff especially in 2021!

### Membership By Type



### Membership by Work Area



# 2021 Year in Review:

## Infrastructure

- Staff continue to mostly work from home (and thankful they are all well)
- Received 2 PPP loans (one in 2020 and a second in 2021) – both were converted to grants (one in 2020 and one in 2021)
- Welcomed new investment firm Truist after having TIAA manage our reserves for 20 years
- Launched the new COMMUNITIES platform
- IT moved servers to the cloud, engaged a managed services provider, launched a faceted search on aapt.org, completed major upgrade of the membership database, sunset listserv
- Initiating a refresh of ComPADRE.org starting with retiring inactive subsites

# Grants Received in 2021

- Continuation of the Physics & Astronomy SEA Change pilot project (AIP Venture Fund)
- AIP Member Society Collective Impact around DEI (AIP Venture Fund)
- Heliophysics Grant (NASA)

# 2021 Programs & Activities

- Offered two virtual national meetings – WM21 and SM21
- Held High School Teacher Quantum Workshop in summer (in person) – funded by NSF
- Held New Faculty Workshop in spring and fall (virtual) – funded by NSF
- U.S. Delegation attended the virtual IUPAP International Conference on Women in Physics and submitted U.S. country paper for the proceedings – funded by NSF
- Issued statement on violence in the U.S. Capitol on January 6, 2021
- Welcomed the first cohort (5 departments) in the Physics & Astronomy SEA Change pilot program – funded by AIP Venture Fund
- Held 2 virtual workshops on inclusive curriculum in physics (3<sup>rd</sup> scheduled for February 2022) – funded by AIP Diversity Action Fund
- Welcomed new U.S. Physics Team Academic Director Tengiz Bibilashvili, Physics professor at UCSB, in the fall
- Launched the new AAPT Author Series highlighting authors from AJP, TPT, and AAPT books on a monthly basis.

# 2021 Diversity, Equity, & Inclusion Activities

- New DEI Task Force
  - Co-Chairs: Duane Merrell and David Marasco
  - Facilitation by Brevity & Wit (see <https://brevityandwit.com>)
  - Charged with developing DEI principles and 3 year road map
- Completed the ASAE Association Inclusion Index
  - Based on: mission & focus, roles & leadership accountability, resources, operations, and communications & culture
  - 13 areas meet or exceed expectations and 5 areas need improvement
- Participating in AAAS SEA Change Professional Society Pilot
  - See <https://www.aapt.org/aboutaapt/AAPT-Participating-in-the-AAAS-SEA-Change-Professional-Society-Pilot.cfm>
- DEI Training
  - Board of Directors – November 6<sup>th</sup>
  - Upcoming in 2022: workshops for Chairs and Vice Chairs of committees and Staff
- Response to the killings of Asian American women in Atlanta and continued violence against Asian Americans and Asians in the U.S.
- New DEI column in *The Physics Teacher* – thanks, Gary!
- Staff participated in the CEO Action Day of Understanding in April

# Event Participation Code of Conduct Incidents

- WM21:
  - 0 incidents reported
- SM21:
  - 0 incidents reported
- Chief 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

- Jack Willis – January 12
- Warren Hein – July 1
- Elizabeth Frazier Karplus – October 6
- Frieda Stahl – November 8

# 2021 Area Committee of the Year

- Diversity in Physics
- Laboratories
  
- Honorable mention:
  - Pre-HS

# 2022 Preview

- Physics & Astronomy SEA Change pilot second cohort (funded by AIP)
- Last Computational Modeling in Physics First workshop for K-12 teachers – (funded by NSF)
- DEI Task Force to continue its work
- New Faculty Workshop in June (in person) (funded by NSF)
- 2022 Summer Meeting in Grand Rapids, MI (in person) with some hybrid options (TBD)
- eAlliance final summit (in Grand Rapids) (funded by NSF)
- AAPT to join AIP's TEAM UP Together project as a Lead Member Society partner – more information forthcoming!
- Continue improvements to ComPADRE
- Continue improvements to AAPT membership database and financial software

Thank you for your continued support of  
AAPT!



Questions?



# President Report

AAPT 2022  
Virtual Winter Meeting

Jan Mader

# Strategic Plan

## Goals:

1. Continue to engage the community of physics students and educators
2. Enhance and provide professional development opportunities for all physics educators
3. Enhance the visibility and role of AAPT as the expert on physics education policy, practice and professional development. AAPT is the Premier Professional Development Provider for Physics Education
4. Enrich the physics community via support of the Diversity Equity and Inclusion of all physics students and faculty.

# Strategic Plan Supports

1. Ensure that all educators have access to the best practices and vetted instructional materials to enhance their curricular needs.
2. Create learning spaces for all students so that they are deemed as capable and appreciated for their diversities.
3. Provide diversity, equity and inclusivity opportunities for members to receive training and professional development to improve the physics education classroom atmospheres

## **Board and AAPT Office**

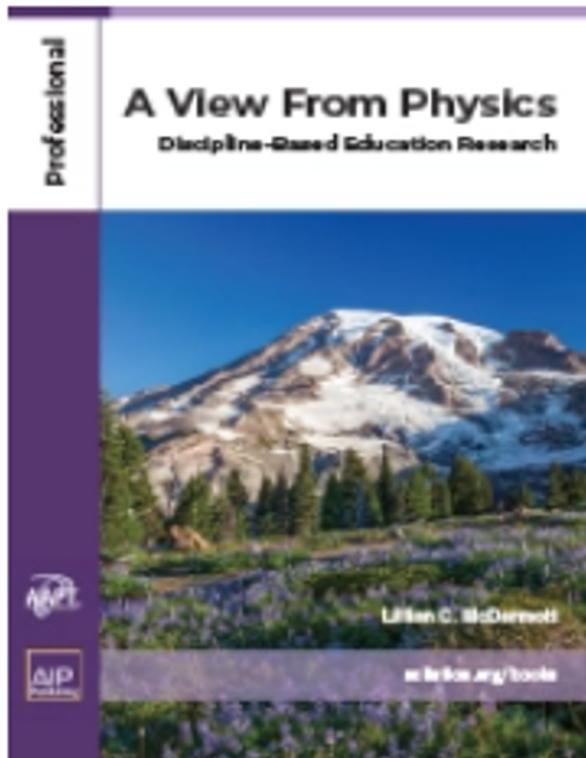
The members of the board, the AAPT staff, CEO, AEO and area committees provide a venue for members of the association to present ideas and concerns for the betterment of the association.

- This past year task forces to address DEI and K -12 concerns were appointed.
- Letters of support and white papers were endorsed
- Revision to the By Laws were approved
- The work of Area Committees to provide instructional opportunities for the association was and is exceptional in the chaos of pandemic.
- Coffee hours were hosted and communities were developed.
- A new US Physics Team Academic Director has been hired:  
Tengiz Bibilashvili

# **Future Plans for the Vision and Continued Implementation of the Strategic Plan**

1. The Board of Directors will have a facilitated training with respect to how best engage the members of the association with the strategic plan at the spring board meeting in April.
2. Different committee structures are being beta tested
3. Compadre is being restructured
4. Many sections are providing unique virtual opportunities for members.
5. Members are continuing to make their concerns known to both the board and staff.

# New and Exciting



 Partially Free . December 2021

## **A View From Physics**

**Discipline-Based Education Research**

**Author** Lillian C. McDermott

**Publisher:** AIP Publishing

**Pages:** 216

**Copyright year:** 2021

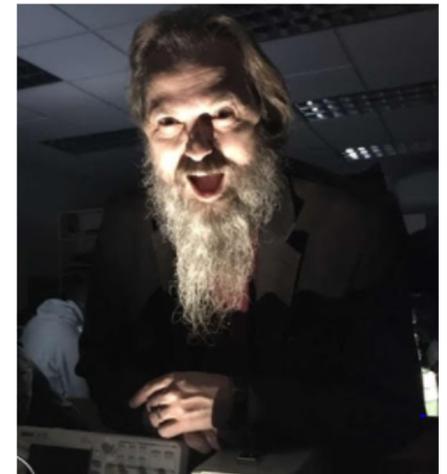
[View Affiliations](#)

# Thanks to

1. The members who have continued to serve and uplift fellow members through the last two years of lockdowns, remote learning, hybrid classes, lost employment and a myriad of other challenges.
2. CEO, AEO and AAPT Staff who have managed to adjust to working remotely as a lean but powerful team to keep operations as normal as possible with virtual conferences and Zooming nonstop.

# Thanks to

My dear friends and mentors Chandralekha Singh and Gabe Spalding who are rotating off the board. I so appreciate their guidance and encouragement these past two years. Gabe in his native environment



# Welcome Aboard

Welcome to the new members of the board. They have provided much service already.

Member at Large Mario Belloni and Vice President Kelli Warble



# New Business: Ongoing efforts to support DEI Initiatives

- Statement regarding concerns raised about the naming of the JWST posted on AAPT.org today (06 Jan 2022)
- Sincere thanks and acknowledgement to Alexis Knaub, Chair-Committee on Diversity, Dimitri Dounas-Frazer, and Arlene Knowles, among others for their dedicated work on this effort.
- Follow up Actions:
  - Thursday 27 January Open Discussion Webinar, hosted by AAPT, facilitated by Alexis Knaub, Dimitri Dounas-Frazer, joined by Joanna Behrman, Director-AIP Center for the History of Physics
  - DEI Plenary session focused on this topic: SM22

Statement as follows:

## **AAPT Statement regarding concerns about the naming of the space telescope called JWST**

As many are aware, the James Webb Space Telescope (JWST) was successfully launched on December 25, 2021. The telescope will open new avenues of exploration for astronomers and astrophysicists around the world. AAPT celebrates the scientific achievement of the hundreds of scientists and engineers that worked for over three decades to see this historic project come to fruition. We are also compelled to acknowledge concerns regarding the naming of the instrument. Last January, Lucianne Walkowicz [called attention to evidence](#) suggesting that James Webb, for whom the JWST is named, may have been complicit if not culpable in creating an unwelcome environment and enacting policies that resulted in egregious homophobic discrimination during a period of anti-gay moral panic known as the [Lavender Scare](#).

## **AAPT Statement regarding concerns about the naming of the space telescope called JWST (cont, 2)**

For example, in 1963, while Webb was administrator of NASA, NASA employee Clifford Norton was arrested and interrogated by police (“Morals Squad officers”) on suspicion of engaging in gay activity. He was further interrogated about his sexual history by NASA Security Chief Fugler until after 6:00 am the following morning. Norton was ultimately fired from NASA for “immoral, indecent, and disgraceful conduct” and “traits of character and personality which render [him] unsuitable for further Government employment.” Norton filed a lawsuit regarding these discriminatory practices, and ultimately settled with NASA ([Norton v. Macy 1969](#)).

## **AAPT Statement regarding concerns about the naming of the space telescope called JWST (cont, 3)**

Earlier this year, astronomers Lucianne Walkowicz, Chanda Prescod-Weinstein, Brian Nord, and Sarah Tuttle drafted and circulated a [petition](#) to rename the JWST. To date, the petition has been signed by over 1700 people. Nevertheless, [NASA chose not to rename](#) the telescope.

## **AAPT Statement regarding concerns about the naming of the space telescope called JWST (cont, 4)**

As an association, AAPT is committed to equity and inclusion for all those interested in physics. Our strategic plan prioritizes issues of diversity and equity, and one of our core values entails “keeping aware of the main issues facing the physics world and of the overarching questions to be tackled by the physics community and providing a forum for discussion of these issues at National Meetings”. We have only recently become aware of the painful manifestations of the Lavender Scare within NASA and the impacts on people like Clifford Norton. We want to lean into the gray area of celebrating the scientific marvel that is JWST while also acknowledging that the telescope’s namesake may have behaved in ways that are antithetical to our organizational values and harmful to our lesbian, gay, bi, trans, intersex, and queer or genderqueer (LGBTIQ+) members.

## **AAPT Statement regarding concerns about the naming of the space telescope called JWST (cont, 5)**

AAPT is grateful to Norton, Walkowicz, Prescod-Weinstein, Tuttle, Nord, and others who have raised awareness about this issue through [lawsuits](#), [open letters](#), [articles](#), and [petitions](#). At the bottom of this letter, we have compiled links to relevant documents to support the self-education of interested readers.

Going forward, in order to give attention to and further explore the historical context and current impact of the naming of the JWST, AAPT will host a webinar on Thursday January 27 from 6-8pm EST, with a historian from the AIP Center for the History of Physics to help with our discussion. In addition, AAPT will plan a plenary session on this topic for the SM2022.

**AAPT Statement regarding concerns about the  
naming of the space telescope called JWST (cont, 5)**

Sincerely,

Jan Mader, AAPT President

Toni Sauncy, AAPT President Elect

Duane Merrell, AAPT Vice-President

Chandralekha Singh, AAPT Past President

*(signed by the sitting AAPT Presidential chain)*

## AAPT Statement regarding concerns about the naming of the space telescope called JWST

### References:

Please note that these references may contain detailed descriptions of anti-queer interactions that may be upsetting for some readers.

- [Clifford L. Norton, Appellant, v. John Macy et al., Appellees](#), 417 F.2d 1161 (D.C. Cir. 1969).
- [“The Straights Are Here To Save Us: On naming telescopes, complicity, and the rewriting of history,”](#) Lucianne Walcowicz, Substack (blog post), Jan. 25, 2021.
- [“The James Webb Space Telescope Needs to Be Renamed”](#), Chanda Prescod-Weinstein, Sarah Tuttle, Lucianne Walkowicz, Brian Nord, *Scientific American*, Mar. 1, 2021.
- [“NASA investigates renaming James Webb telescope after anti-LGBT+ claims”](#), Alexandra Witze, *Nature News*, Jul. 23, 2021.
- [“NASA won’t rename James Webb telescope — and astronomers are angry”](#), Alexandra Witze, *Nature*, Oct. 1, 2021.
- [“Shadowed by controversy, NASA won't rename its new space telescope,”](#) Nell Greenfieldboyce, *NPR Morning Edition*, Sep. 30, 2021.
- [“Why I’m Resigning from Advising NASA,”](#) Lucianne Walcowicz, Patreon (blog post), Oct. 12, 2021.
- [“The telescope stumbled over its own name”](#), Dennis Overbye, *New York Times*, Dec. 25, 2021.
- *The Lavender Scare*, David K. Johnson, The University of Chicago Press (2006)

Questions/Comments?

# **Adjournment**