

Hawaii AAPT - Fall Meeting Minutes (9 - 11:30 am)
Saturday, August 24, 2019
Leeward Community College - PSB 201

Attendance:

Officers: Liz King (President) - Olomana, Pui Lam (Vice President) - UHM, Mike Weber (Treasurer) - BYUH, Tessie Ford (Secretary) - Waipahu, Lisa Agle (Chapter Representative) - Le Jardin

Members: Lelemia Irvine - UH WO, Takeshi Nakata - UH WO and BYUH, Michael Jones - retired UHM, Tom Chun - retired DOE/Kamehameha, Jim Redmond - retired UH Lab, Andrew Swain - Moanalua Middle, Tyron Hamamoto - Campbell, Hanno Adams - Punahou, Roger Kwok - LCC, Mitchel Kimura - Kalani, Jeanine Nakakura - DOE

9 am - Refreshments, Introductions and Calendar of Events

Calendar of Events

- No HSTA Conference 😞
- September 28 - QuarkNet Cosmic Ray Day at Punahou (www.phys.hawaii.edu/ams02/outreachnsf/index.html)
- October 26 - Lacey Veech Day at Punahou (www.spacegrant.hawaii.edu)
- October 31 - November 2 - SACNAS Diversity in STEM Conference (www.2019sacnas.org)
- November 2 - **Two events:** Discovery Fair at LCC & Day of Physics “The Dia de la Fisica” at UH Manoa/IFA (www.leeward.hawaii.edu/LeewardDiscoveryFair)
 - “The Dia de la Fisica” is primarily for undergraduate students interested in Physics or Astronomy. Notice will be sent to college faculty when more details are available. There will be no fee for students who participate
- November 9 or 16 - Physics & Astronomy Open House at UH Manoa (www.phys.hawaii.edu)
- November 23 - VEX Robotics Tournament at UH Manoa (www.phys.hawaii.edu)
- TBA in February - Physics Olympics at UH West Oahu *Lelemia will help organize
- April 18, 2020 - AAPT Spring Meeting at Le Jardin Academy (location TENTATIVE)

Treasurer’s Report

- We’re at approximately \$580
- Major expense is for Physics Olympics
 - Lelemia will check about having it at UH WO. Parking would be free and it’d be more convenient for people in Leeward Oahu
- Jim Redmond to seek donation from Paul Hewitt

State Science Fair

- There will be an AAPT Award
- The Science Fair selects the top Physics/Astronomy project. Hawaii AAPT sends a check for \$100 to the teacher of the student with the top project.

APS Meeting and Conference in October 2020

- Lisa will ask AAPT for help with joint meeting

Chapter Representative Report

- National AAPT Dues, join!
 - \$131 for K-12
 - \$179 for College Teachers
- APS Far West Meeting
 - Lisa will contact the national AAPT for support with participating in the 2-day annual APS Far West Section meeting at UH Manoa in October 2020.

- Mike Jones will work with Philip von Doetinchem from UHM who is on the FWS Executive Committee about the meeting program
 - Tessie will attend National AAPT Meeting
- Tom Chun
- Organized the 1st Hawaii Physics Olympics in 1990 and was pleased to see so many people that he didn't know at the meeting

10:00 am - Bismuth Crystal Demonstration, Natural History Collection Tour, Teacher Demos

Bismuth Crystal Demo (Liz King)

- Youtube video online to show how to do it <https://youtu.be/v8KYZHMkTHw>
- Got several crystals out of the demonstration!

Natural History Collection Tour (Roger Kwok)

- Collection contains amber and fossils from many geologic eras including a huge egg from an extinct elephant bird
- When LCC is in session, teachers can take a tour/field trip to see the Natural History Collection, just contact Roger

Teacher Demonstrations

- Magic Ice Blocks (Jim Redmond)
 - Two different block materials to show how the heat transfer is different. One block melted the ice cube the other block didn't melt at all
- Dancing Bowl (Roger Kwok)
 - When rubbed at the two ends, the friction between the metal and hands create resonance within the water... dancing water!

11:15 am - Door Prizes & Adjourn

Prizes, books, toys, etc were provided by Liz King, Roger Kwok, Jim Redmond, and Jeanine Nakakura. Mahalo!

REMINDERS

- Next meeting is April 18, 2020.. save the date
- Pay dues if didn't at this meeting 😊 \$15