

# Minutes

of the Physics Department meeting  
to be held on Wednesday, April 7, 2021 at 4:00 pm via Webex  
<https://uww.webex.com/uww/j.php?MTID=mc69d8d6aa5744dba39b135419a48b15e>

Present: Abdelkrim Boukahil, Juliana Constantinescu, Tom Hall, Jalal Nawash Steven Sahyun, Martin Tchernookov, Ozgur Yavuzcetin

Absent: Bob Benjamin (proposal review)

1. Meeting called to order at 4:05 pm
2. Old Business
  - a. Approval of minutes from March 10, 2021. Tchernookov/Constantinescu
3. New Business
  - a. End of year items: student celebration. Picking up Doughnuts to pick up and Webex party? May 6, 4 pm?
  - b. Discussion of faculty rights in relation to teaching students in the fall.
    - i. Concerns about student behavior, guaranteed testing and/or vaccinations. Many students don't get tested. How will we know about students' status and following testing requirements? How will minimize risk. Can we make it mandatory for students to get vaccinated?
    - ii. Questions related to ability for changing modality to on-line for Fall semester.
    - iii. Ability for getting better (surgical/N95) masks from university purchasing.
    - iv. List of courses of particular concern that faculty may want to change to on-line modality based on continued COVID. PHYSICS 140, PHYSICS 141, ASTRONOMY 112 (Labs are of concern).
4. Announcements
  - a. Chair's Announcements:
    - i. We have an 100% female graduating class this year: Nicole Van Dyken (BSE) and Hannah Ullberg (Materials Engineering Dual-degree with UW-Milwaukee).
    - ii. PHYSICS 240 will be an option for the proposed Audio Certificate program from the Communication Department. (Consultation form signed 4/7/21).
    - iii. Summer enrollment updates: Summer course pages are showing on the department kiosk and link on department home page.  
PHYSICS 130: 16; PHYSICS 140: 15; PHYSICS 141: 9; ASTRONOMY 112: 12
    - iv. UH 58, 61, 57 will have PC laptops in the Fall. We need to develop a PC software list for those computers.

- v. Unless circumstances require otherwise, this meeting will be the last regularly planned department meeting of the semester. Subcommittee working meetings may occur at the normal department meeting time.

b. Other Announcements

- i. UW System Symposium featured speaker: UWW Physics alumnus: Pat Slane  
April 28: 11 am.
- ii. Jalal Nawash featured in 4/6/21 Warhawk Weekly “Why I Teach”
- iii. Physics Major Xavier Mleziva has a summer REU through University of Arkansas
- iv. Sahyun participated in the AAPT Inclusive Curriculum in Physics (virtual) workshop on April 3. <https://www.aapt.org/Conferences/ICP.cfm>
- v. Yavuzcetin: Proceedings paper: Seref Kalem, Serdar B. Tekin, Zahit E. Kaya, Eric Jalaguier, Robin Roelofs, Saffet Yildirim, Ozgur Yavuzcetin, Christian Wenger, "Oxides based resistive switching memories," Proc. SPIE 11687, Oxide-based Materials and Devices XII, 116871L (5 March 2021); doi: 10.1117/12.2585681
- vi. Yavuzcetin: co-author with Juk Bhattacharyya: Landslide monitoring system project at “Minnesota Geological Survey Spring Seminar Series” presentation on 3/19/21 talk “Developing and Testing a Prototype Multimodal Device for Monitoring Slope Instability”.
- vii. Yavuzcetin Awarded U.S Patent (10,912,480) (filed in 2014 but just got issued last month.) Titled :” Sensor system and process for measuring electric activity of the brain, including electric field encephalography”.
- viii. Nawash: Coordinated presentations for the WisSYS Quick Pitch Competition in March.
- ix. Benjamin participated in a proposal review for a Federal Agency.
- x. Brandon Palicki has expressed willingness to participate on the Physics Advisory Board.
- xi. Fall 2021: Math 361 is being offered 9:30 – 10:45 TR this conflicts with PHYSCS 324.

5. Meeting adjourned at 5:00 pm. Tchernookov/Constantinescu

2020-21 Department Meeting Topic List:

- i. 200918 Progress of, and support for, Physics majors.
- ii. 200925 Review of spring Proof
- iii. 201002 Student Welcome Event

- iv. 201009 Hyflex, Hybrid, and remote class tips and techniques share.
- v. 201016 Tchernookov Review
- vi. 201023 TEAM-UP and related items
- vii. 201030 No meeting - Observatory Tour (FP&M)
- viii. 201106 TEAM-UP survey responses and related items
- ix. 201113 Meet with Transfer Coordinator (Lindsey Radloff)
- x. 201120 General Information updates.
- xi. 201204 Assessments (MFT, Labs)
- xii. 2010113 Fall 2021 planning
- xiii. 2010127 Fall planning cont.
- xiv. 210210
- xv. 210217 Physics Website/Promotion/Advisory Council
- xvi. 210224 Website development.
- xvii. 210303 Department Chair
- xviii. 210310 Scholarships

Additional topics ideas as time allows:

- xix. Physics Advisory Council (sub-committee, email)
- xx. Course Evaluation Review and revision (sub-committee; email)
- xxi. Meet with Admissions
- xxii. Department Promo Lit
- xxiii. Department Outreach

Submitted by Steven Sahyun, Secretary of the Day.

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