## AMS AI Committee Meeting

January 21, 2021

Attending<br>Ryan Lagerquist<br>David John Gagne<br>Amy McGovern<br>Christiane Jablonowski<br>Philippe Tissot<br>Christina Kumler<br>Ben Toms<br>Timothy Sliwinski<br>Carlos F Gaitan<br>Amanda Burke<br>Sid Boukabara<br>S. Karthik Mukkavilli<br>Vipin Kumar<br>Cati Iannarilli, AMS Meetings

## Agenda

1. Recognize new AMS Fellows
a. Dr. Amy McGovern
b. Dr. William Hsieh
2. Thank you to outgoing vice chair Dr. Amy McGovern
3. Welcome to the incoming new vice chair Christina Kumler
4. Outgoing members and renewals
5. Member election status
a. We have nominations:
https://docs.google.com/document/d/1jibOrl4WZWHfQQDfAHjBia8rdhLpqnU4Qz
An8WjYIRg/edit?usp=sharing
b. Overhaul new member election process?
c. AMS AI Committee diversity:
i. Sector:
6. Academia: 6 (1 rotating off)
7. Students: 3 (2 rotating off)
8. Private Industry: 3 (1 rotating off)
9. Government: 3
10. Non profit: 0 (presently)
ii. Career stage
11. Student: 3 (2 rotating off)
12. Early: 4 (2 rotating off, 1 candidate)
13. Mid: 2 (the line between early/mid is fuzzy, I probably double counted)
14. Senior: 7 (2 rotating off)
iii. Gender:
15. Male: 11 (2 rotating off)
16. Female: 4 (1 rotating off)
iv. Race
17. Going from observed (have not asked), we have 0 black members (one candidate is black)
18. Going from observed (have not asked), we have 1 hispanic member
19. Going from observed (have not asked), everyone else is white or asian (not considered a minority according to NSF)
20. Annual Meeting and AI Conference Summary
a. Big thank yous
i. Program chairs: Drs. Amy McGovern and Ryan Lagerquist
ii. Christina Kumler for organizing virtual mixer
iii. Session chairs
iv. Student judges
b. Feedback on virtual format
i. Concerns about high cost of virtual conference fees
ii. Need more opportunities to network informally
iii. Lightning talks were good but AMS should coach presenters on how to give them.
iv. Less stressful model for attendees would be to watch lightning talks then view "homework" full talks that look promising rather than try to watch every homework talk in advance the week before the conference.
v. Conference platform should do auto-captioning rather than putting burden on presenters.
c. Feedback and comments from Cati lannarilli

Official abstract submission statistics
20AI: Total Abstract Submissions $=139$
20AI: Students in Competition $=39$
20AI: Withdrawn Abstracts = 12 with the majority being due to delays and/or issues with studies and/or results
20AI: Presenting Authors (Accepted and Scheduled) $=125$

19AI: Total Abstract Submissions $=163$
19AI: Students in Competition $=50$
19AI: Withdrawn Abstracts $=9$ with the majority being travel related
19AI: Presenting Authors (Accepted and Scheduled) $=161$
d. Fill out upcoming AMS survey
e. Historical AI Conference submissions by topic:
https://docs.google.com/spreadsheets/d/1984rk5 WZgHnuMZEMnJosr EbTzCO1TY2104yMvmclVM/edit\#gid=1405909500
7. Current event updates
a. Webinar series with COEIS committee:
https://www.ametsoc.org/index.cfm/ams/webinar-directory/
b. Al Committee Website updates:
https://www.ametsoc.org/index.cfm/stac/committees/committee-on-artificial-intelli gence-applications-to-environmental-science/
c. New AI dataset website http://mldata.pangeo.io/
d. Need a new webmaster
8. Upcoming events
a. AI Short Course: led by Amanda Burke. April 8-9 2021
b. AMS AI Conference 2022: program chairs Christina Kumler and Amanda Burke
c. Interest in organizing other events?
i. ITU/WMO/(UNEP) Focus Group on AI for Natural Disaster Management (contact: monique.kuglitsch@hhi.fraunhofer.de)
9. Award nominations for 2021 (all due in May)
a. Fellows
b. AMS awards
c. Lectureships
d. STAC Awards
10. When to hold next committee meeting?
a. Open meetings policy and advertising
11. Open Discussion

