

Joint Center for Aerospace Technology Innovation (JCATI)

Winter Board Meeting

January 7, 2021 3:00-5:00 PM Virtual

Present: Roger Myers (chair), Nancy Allbritton, Paul Applewhite, Dave Field, Robert Perez, Ryan Rule

Other Attendees: Beth Hacker (JCATI Program Manager), Nicole Larson (WWU Professor of Plastics and Engineering), Mehran Mesbahi (JCATI Executive Director)

A. Welcome

Dr. Hacker welcomed board members to the meeting.

B. January draft meeting minutes approved

The minutes of the September 24, 2020 board meeting were unanimously approved.

C. 2019-20 JCATI Project Final Metrics

Dr. Hacker presented the final metrics for the 2019-20 projects. These metrics are part of our annual mandatory metric submission to JLARC (our legislative auditors). Many projects met their deliverables and received good levels of industry support despite all the Covid disruption.

D. 2020-21 JCATI Full Projects

All current projects are making progress towards their deliverables. Several PIs expressed concern around future component or shipping delays and Dr. Hacker will continue to monitor the situation.

E. 2021 RFP Discussion

Dr. Hacker opened up a discussion on a new potential addition/idea to our RFP based on NSF proposals. To increase access for all groups to the aerospace industry the current JCATI RFP includes a potential supplement for undergraduate research opportunities. After projects are selected for scientific merit, PIs could apply for extra funds to involve undergraduates in the project. The board was unanimously in support of implementing this addition and provided ideas on people to contact, connection to mentoring and ways to leverage this idea.

F. 2021 JCATI Virtual Symposium

The 2021 JCATI virtual symposium will be held on Monday, April 12 2021 using the Whova virtual event app. Currently the three major topics are modernization of air transport systems, commercial space and next gen aerospace materials. Dr. Hacker collected speaker ideas and will work with Dr. Mesbahi to flush out the agenda.

G. Legislative Summary

JCATI must be re-appropriated by the WA legislature in the upcoming session. The program is currently included in the UW budget but the board also realizes the budget challenges ahead for the legislature. With the long legislative session, JCATI will not know our final budget status until late June. In May the

board will select proposals to fund. Dr. Hacker will inform PIs of their potential funding status but awards will not be finalized until JCATI funding level has been verified.

H. JCATI 2.0 Discussion Part 2

Dr. Hacker led the board in continuing the JCATI 2.0 discussion from the September meeting. The discussion focused on how JCATI can have a greater impact on the WA aerospace industry. The leading idea was to connect with JCDREAM (Joint Center for Deployment and Research in Earth Abundant Materials) whose focus is earth abundant materials in energy and transportation. There is overlap between the 2 programs and leveraging each other would be beneficial.

Action Items:

Solicit applicants for the Industry Group position

Set up May virtual project selection meeting

Draft RFP language for undergraduate research involvement

Finalize symposium speakers and potential board member roles

Contact JCREAM regarding collaboration efforts.