

## **Joint Center for Aerospace Technology Innovation (JCATI)**

### **Virtual Fall Board Meeting**

**September 30, 2021 3:00-5:00 PM**

Present: Roger Myers (chair), Nancy Allbritton, Laila Elias, Dave Field, Dale Goulding, Robert Perez, Ryan Rule

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

Absent: Dave Dickson

#### **A. Welcome**

Dr. Hacker welcomed board members and each attendee introduced themselves.

#### **B. January draft meeting minutes approved**

The minutes of the January 7, 2020 board meeting were unanimously approved.

#### **C. 2020-21 Project Final Metrics and Summary**

Dr. Hacker presented the final metrics for the 2020-21 projects. While several projects did transition technology to their industry partner, a majority are still in the development phase due to COVID and supply chain issues. Reviewing metrics, board members asked if JCATI set specific student involvement goals. Currently we do not as we have limited program funds. For the next meeting, the board asked Dr. Hacker to present a metrics breakdown of aerospace areas, follow on funding and transition.

#### **D. 2021-22 JCATI Full Projects**

Dr. Hacker presented metrics and technical areas for the FY22 projects.

#### **E. 2021-22 Optional Undergraduate Supplement**

Dr. Hacker presented current metrics on the optional Undergraduate Scholars Program (USP). Projects have until October 30 to apply for USP funds. The program's goal is to increase undergraduate aerospace research opportunities to create a diverse aerospace pipeline. Board members agreed the funds should be increased for FY22 if the budget allows. The board also discussed multiple ideas to include DEI in all aspects of JCATI, not just in the RFP. The board requested updated USP metrics at the next board meeting.

#### **F. RFP Discussion**

Dr. Hacker presented reviewer comments on proposals and the review process. The board provided suggestions for improving the RFP process for applicants and reviewers. Dr. Hacker and Dr. Mesbahi will create an RFP "dos and don'ts" to post on the website and also hold Zoom Q&A sessions. The board also expressed support for testing out virtual faculty/industry mixers focused around specific subject areas.

#### **G. JCATI 2.0 Discussion**

The board continued their discussion on JCATI's WA aerospace impact and how to identify and engage in new technology opportunities. Dr. Hacker and Dr. Field updated the board on the Joint Center for Deployment and Research in Earth Abundant Materials (JCDREAM) and their CHARGE program which focuses on alternative renewable electricity derived fuels (e-fuels). In the current RFP, aerospace e-fuels projects may also qualify for additional JCDREAM funding. The board hopes this will be the first of many collaborations between the two groups.

#### H. 2022 JCATI Symposium

The 2022 symposium will be held virtually Thursday, April 7. Dr. Hacker will ask board members for topics and speaker ideas.

#### I. Operations

Provide suggestions for the vacant Industry Group position as well as potential board chair nominees. Dr. Myers has reached his term limit as Chair but is allowed to stay on until replaced.

#### Action Items:

Edit RFP to reflect DEI and JCATI 2.0 input received today.

Circulate draft RFP for review before posting

Map technology areas to transition success and follow on funding

Contact CWU again regarding FY22 capstone project

Review the JCATI website regarding inclusive language