**Industries of the Future Research Experiences for**

**Preservice Teachers in STEM**

**Recommendation Form**

\*This form should be completed by one of the applicant’s instructor or professor in the teachHOUSTON program.

**Overview:** The Industries of the Future (IotF) Research Experiences for Preservice Teachers in STEM program is hosted at University of Houston (*https://uh.edu/tech/coss/re-pst/*). The program provides opportunities for high school teachers involved in STEM education to engage in Industries of the Future research and curriculum development. IotF specifically includes Artificial Intelligence, Biotechnology, Communication, Quantum Information Science, and Advanced Manufacturing. Activities will include a 6-week summer program at University of Houston and continuing collaboration throughout the following academic year. A preservice teacher will receive $5,100/six weeks in the summer program.

During the summer, participants will:

 engage in a research project with a faculty mentor;

 attend special topic presentations and site tours; and

 develop an instructional module to teach a topic related to their research and subject.

During the following academic year, participants will:

 implement their instructional modules in the field teaching classroom and assess learning outcomes;

 attend a local workshop to present results, share materials, and evaluate the program.

This program has a challenging set of activities to engage participating preservice teachers. We seek preservice teachers who are highly motivated in future teaching in the classroom and have the potential of providing a positive influence on their future students as they navigate the college/career planning process.

**Instructions:** Please rate the applicant’s attributes on the next page; additional comments are also welcome. The completed recommendation should be directly emailed to Dr. Weihang Zhu as a signed PDF file by February 23, 2024.

Dr. Weihang Zhu, wzhu13@uh.edu

Industries of the Future Research Experiences for Preservice Teachers in STEM

Department of Engineering Technology

Room 304, 4230 MLK Blvd

University of Houston, Houston, TX 77204

Applicants who submit by the priority deadline will be notified by March 1, 2024. If you have questions, please contact the site director, Professor Weihang Zhu (email: [wzhu13@uh.edu)](mailto:wzhu13@uh.edu)).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Applicant Information Survey | | | | | | | | | | | |
| 1 | Please write applicant’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| 2 | How long have you known the applicant? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |
| 3 | How well do you know the applicant? |  | | Very Well | | Well | | Somewhat  Not Well | | Not Well | |
| 3 | Is the applicant seen as a leader among his/her peers? |  | | | | | Yes | | No | | Unsure |
| 4 | The applicant has the potential to excel in the classroom. | Strongly Agree | Agree | | Neutral | | Disagree | | Strongly Disagree | | Unsure |
| 5 | The applicant is enthusiastic about teaching and the teaching profession. | Strongly Agree | Agree | | Neutral | | Disagree | | Strongly Disagree | | Unsure |
| 6 | The applicant is well-regarded by his/her instructors. | Strongly Agree | Agree | | Neutral | | Disagree | | Strongly Disagree | | Unsure |
| 7 | The applicant is well-regarded by his/her peers. | Strongly Agree | Agree | | Neutral | | Disagree | | Strongly Disagree | | Unsure |

Any relevant comments you can add regarding the applicant will be helpful. Include your comments in the space below or through an additional page/letter:

***I certify that I completed this recommendation form as it pertains to the applicant listed above.***

\*Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Printed name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Your relationship to applicant (Please circle): Instructor, or other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Name of your current department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_