

Proposal for a short-term internship program of Uzbek young scientists at the Texas A&M University, College Station – Suggested Research Topics

1. Faculty Biological and Agricultural Engineering Department, Civil and Environmental Engineering Department

Location (campus): TAMU

No.	Program name	Maximum number of participants	Internship period (from 1 to 6 months)	Program details (what will young scientists learn from the program)
1	Water supply, Groundwater, Water reuse	Five grad students	4	A custom training program will be implemented for four (4) visiting graduate students from Uzbekistan. BIIAD will host the Fellows in the TAMU Campus and will collaborate with one scientific supervisor and one scientific assistant from the Biological and Agricultural Engineering Department and Civil and Environmental Engineering Department. The training will focus on one or more of the following topics: Advances in Water supply, Groundwater, and water reuse. The training will help visiting students to upgrade their technical knowledge in the subject area and new research methods through experience in the lab, class auditing, and one-on-one instruction. In addition, visiting students will travel to laboratories, farms, and agribusinesses to gain an understanding of how research is done in the United States. Appropriate cross-cultural activities, leadership training, and training on communications with non-scientific communities will be included as well. Before and after the conclusion of the U.S based program, visiting students will be asked to fill a training questionnaire, to evaluate the skills acquired, and to fill an action plan with the assistance of the scientific supervisor, to facilitate any possible follow-up activities that could encourage further collaboration between U.S. and participating universities.

2. Faculty Civil and Environmental Engineering Department

Location (campus): TAMU

No.	Program name	Maximum number of participants	Internship period (from 1 to 6 months)	Program details (what will young scientists learn from the program)
1	Environmental Science, Civil Engineering	Five grad students	4	A custom training program will be implemented for four (4) visiting graduate students from Uzbekistan. BIIAD will host the Fellows in the TAMU Campus and will collaborate with one scientific supervisor and one scientific assistant from the Civil and Environmental Engineering Department. The training will focus on one or more of the following topics: Advances in Environmental Science and Civil Engineering. The training will help visiting students to upgrade their technical knowledge in the subject area and new research methods through experience in the lab, class auditing, and one-on- one instruction. In addition, visiting students will travel to laboratories, farms, and agribusinesses to gain an understanding of how research is done in the United States. Appropriate cross-cultural activities, leadership training, and training on communications with non-scientific communities will be included as well. Before and after the conclusion of the U.S based program, visiting students will be asked to fill a training questionnaire, to evaluate the skills acquired, and to fill an action plan with the assistance of the scientific supervisor, to facilitate any possible follow-up activities that could encourage further collaboration between U.S. and participating universities.