UNIVERSITY OF NEBRASKA AT OMAHA
COLLEGE OF INFORMATION SCIENCE & TECHNOLOGY

College of IS&T Request for Proposals

RFP: **Virtual iSTEM Lesson Plans for 7th-12th grade**	Proposal Due By: **Sept 15 2020**	**All interested UNO Faculty/Staff and Graduate Students welcome to apply**

Project Overview:
The University of Nebraska at Omaha College of Information Science and Technology (IS&T) has created an iSTEM Virtual Toolbox, a free remote learning platform geared towards elementary through high school students and teachers. We are seeking UO faculty and students who are interested in developing IT-oriented multidisciplinary lesson plans to add to this portal to create depth and enhance resources that are not currently available to middle and high school educators. This program is funded through grants from private foundations and/or nonprofits (PI: Dr. Deepak Khazanchi).

Project Goals:
- Offer interdisciplinary, IT-oriented lesson plans to students, families and teachers in 7-12th grades
- Lessons should be executable without assistance and span between 30-50 minutes in time (the average class time for grades 7-12)
- Lessons can be stand alone, one off options, or grouped sequentially as skills are acquired

Elements of Proposal/Submission Requirements:
- **Your affiliation at UNO**
- **Your contact information**
- **Your concepts/Ideas for the lesson (For example lesson plans and to avoid duplication please visit here).**
  - **Title of Lesson**
  - **IT-related subject area (Computer Science, Bioinformatics, Music Informatics, etc.)**
  - **Overview (250 words maximum)**
  - **Student Learning Outcomes (please provide 3 to 5; sample SLOs are here).**
  - **Length of Lesson (30 to 50 minutes)**
  - **Prerequisite knowledge (if any)**
  - **Materials required (if any)**

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Overall Evaluation Criteria: ● Alignment with iSTEM after school goals ● Alignment and addressing all submission requirements ● Degree of autonomy of learner or teacher in using lesson plan ● Availability of grant funds	
Proposal is due By: **September 15, 2020**	Stipend: $500-$1000 (can be used towards conference travel or related expenses and/or received through salary)
Contact with questions: **Daniel Stokes, iSTEM After School Coordinator (dstokes@unomaha.edu) or** **Dr. Deepak Khazanchi (khazanchi@unomaha.edu)** Phone #: (402) 554-2029	