

**UNIVERSITY OF HOUSTON SYSTEM
BOARD OF REGENTS AGENDA**

COMMITTEE: Academic, Research, and Student Success

ITEM: Research Faculty Presentation

DATE PREVIOUSLY SUBMITTED:

SUMMARY:

Presentation by Dr. Aaron Becker, Associate Department Chair and Professor of Electrical and Computer Engineering, Cullen College of Engineering: Dr. Becker will present the University of Houston's pioneering research in autonomous drone swarm technology. As director of the Robotic Swarm Control Lab, his research focuses on developing intelligent, collaborative drone systems capable of operating in complex environments with minimal human intervention for applications including emergency response, infrastructure inspection, energy, and public safety. This work strengthens UH's leadership in robotics and artificial intelligence, attracts competitive external research funding, and expands opportunities for interdisciplinary research, industry partnerships, and workforce development.

SUPPORTING

DOCUMENTATION: Presentation

FISCAL NOTE: None

**RECOMMENDATION/
ACTION REQUESTED:** Information

COMPONENT: University of Houston

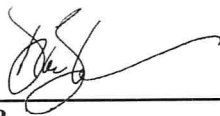


PRESIDENT

Renu Khator



DATE



SENIOR VICE CHANCELLOR

Diane Z. Chase

08/12/2026

DATE



CHANCELLOR

Renu Khator



DATE