



## DEPARTMENT OF BASIC MEDICAL SCIENCES SEMINAR SERIES

*A weekly lecture series covering diverse topics in the biomedical sciences*

**Seminar Title: *Biophysical determinants of YAP nuclear mechanotransduction***



**Thursday, April 30, 2026**

**12 p.m. - 1 p.m.**

**Allen Ehrlicher, PhD, P.Eng.**

Associate Professor

Canada Research Chair in Biological Mechanics

Department of Bioengineering

McGill University, Montreal, Quebec

**CME credit provided by the University of Arizona College of Medicine-Tucson**

### **Learning Objectives**

1. Understanding of the mechanisms that determine nuclear deformation, including nuclear stiffness and force application
2. Understanding of the relationship between nuclear deformation and YAP shuttling
3. Recognition of the biological consequences of mechanically mediated YAP activity

### **Accreditation Statement:**

*This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Arizona College of Medicine - Tucson and University of Arizona College of Medicine - Phoenix. The University of Arizona College of Medicine - Tucson is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.*

*The University of Arizona College of Medicine - Tucson designates this Live Activity for a maximum of 1.00 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.*

### **Relevant Financial Relationships Statement(s):**

*University of Arizona College of Medicine - Tucson Continuing Medical Education adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible entities (commercial interests). The CME office reviewers have nothing to disclose. All relevant financial relationships have been mitigated prior to the commencement of the activity.*

*Name of individual Individual's role in activity Nature of Relationship(s) / Name of Ineligible Company(s)*

*Liya Yin, MD, FAHA Planning Committee Member Nothing to disclose - 12/04/2025*

*Frederic Zenhausern, MBA Activity Director Nothing to disclose - 12/04/2025*

*Allen Ehrlicher, PhD Faculty Nothing to disclose - 04/22/2026*

**ZOOM: <https://arizona.zoom.us/j/81524059107>**

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