



COLLEGE OF  
ARTS AND SCIENCES  
CASE WESTERN RESERVE  
UNIVERSITY

Skeletal Research Center

# SYMPOSIUM

## CELEBRATING ARNOLD CAPLAN'S 50 Years at CWRU



**This symposium free and open  
to the University and its affiliates.  
Please join us!**

### WHEN

**September 6, 2019**

**12:30 pm - 5:00 pm**

### WHERE

**Tinkham Veale University Center (2<sup>nd</sup> Floor)**

**Kelvin & Eleanor Smith Foundation Ballroom**

11038 Bellflower Road, Cleveland, OH

### PARKING

**Parking is available for a fee in the underground  
garage.** 11172 East Boulevard, Cleveland, OH

*The Tinkham Veale University Center is directly accessible from the garage on the first level only. The entrance is a marked set of gray doors with the TVUC logo and a wheelchair ramp leading to it.*

### Symposium Schedule

- 12:30 pm **Opening Remarks** – Ben Vinson III  
Provost and Executive Vice President  
Case Western Reserve University
- 12:45 pm **Welcome** – Scott Bruder  
Bruder Consulting & Venture Group
- 1:00 pm **Standing on the Shoulders of Giants**  
Arnold Caplan, Case Western Reserve  
University
- 1:20 pm **What I Have Been Up To Since Leaving  
Arnold's Lab (42 Years Ago)**  
Jeffrey Saffitz, Harvard Medical School
- 1:40 pm **Cardiac Rehab for Heart Failure Patients  
Is Covered By Medicare Because of Dr.  
Caplan**  
David Whellan, Jefferson Medical School
- 2:00 pm **Engineered Tracking and Delivery of  
Mesenchymal Stem Cells**  
Paul Lin, MD Anderson Cancer Center
- 2:20 pm **Cartilage Repair: What an Orthopedic  
Surgeon Can Learn from a Biologist**  
Konrad Slynarski, Lekmed Hospital  
(Warsaw, Poland)
- 2:40 pm **Why MSCs Are All Over The Place**  
Stanton Gerson, Case Western Reserve  
University
- 3:00 pm **Break**
- 3:20 pm **Biomaterials for Cell Delivery in Tissue  
Engineering**  
Antonios Mikos, Rice University
- 3:40 pm **Cartilage Repair With Mesenchymal  
Stem Cells**  
Shigeyuki Wakitani, Koryokai Hospital  
(Osaka, Japan)
- 4:00 pm **Eggshells, From Cell Biology to  
Materials Science: The Affair is Getting  
Bigger**  
José Luis Arias, Universidad de Chile  
(Santiago, Chile)
- 4:20 pm **OA Histopathology Features Unaccount-  
ed For By Current Scoring Systems**  
Ronald J. Midura, Cleveland Clinic
- 4:40 pm **MSCs in Osteoarthritis, Revisiting Old  
Concepts and Introducing  
"Functionalized" Cells**  
Diego Correa, University of Miami
- 5:00 pm **Final Remarks** - Arnold Caplan