Generally Physiological

Friends of Physiology: An interview with Clara Franzini-Armstrong and Clay Armstrong

In early September, I took a trip to Woods Hole, where Incoming Editor-in-Chief Sharona Gordon and I attended the 67th Annual Meeting of the Society of General Physiologists. This year’s meeting saw the unveiling of the Society’s Friends of Physiology Lecture Series Honoring Clara Franzini-Armstrong and Clay Armstrong. Clay, who has devoted many years to investigating ion channel permeability mechanisms and gating processes, and Clara, who has spent many years investigating the structural bases of excitation–contraction coupling, were gracious enough to allow Sharona and me to record a conversation in which we discussed some of their work. In this month’s installment of Generally Physiological, we’re delighted to present a condensed version of that conversation in what will be the first of an occasional series of audio presentations of conversations with notable physiologists.

The interview and transcript are available here: http://www.jgp.org/cgi/content/full/jgp.201311115/DC1. Listeners inspired to learn more about the studies Clara and Clay spoke about may wish to explore some of their pertinent JCB and JGP articles.

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“Generally Physiological” Package

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But mostly I’ve been quite happy with what I’ve done. I have enjoyed it because the structures are so beautiful.”
—Clara Franzini-Armstrong

“All of the neurophysiological community, as best I could tell, was in enormous shock because of the Hodgkin and Huxley papers ... There was a great desire to add something to change—or perhaps overthrow—the Hodgkin and Huxley formulation.”
—Clay Armstrong

Artwork by Elizabeth M. Adler