

BRANDEIS NOBEL PRIZE WINNERS!



left to right: Michael Rosbash, the Peter Gruber Endowed Chair in Neuroscience at Brandeis University; Jeffrey C. Hall, professor emeritus of biology. Rosbash and Hall won the 2017 Nobel Prize in Physiology or Medicine along with Michael W. Young of Rockefeller University

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Brandeis University warmly congratulates **Michael Rosbash**, the Peter Gruber Endowed Chair in Neuroscience and professor of biology, and **Jeffrey C. Hall**, professor emeritus of biology, on being awarded the **2017 Nobel Prize in Physiology or Medicine**.

The two colleagues, who arrived at Brandeis in 1974, did their pioneering work during their time at the university. Focusing on the fruit fly, they discovered the molecular mechanisms controlling circadian rhythms, the inner biological clock that regulates almost all life on the planet. The findings may one day lead to treatments for mental illness, Alzheimer's, heart disease and diabetes, all of which have been linked to our circadian rhythms becoming out of sync.

Rosbash and Hall did their research on the period, or per, gene, which serves as a master clock regulating the ebb and flow of circadian rhythms over a 24-hour cycle. This clock controls body temperature, metabolism and many other biological processes.