



## Precision Wellness INITIATIVE

This mission of the Precision Wellness Initiative (PWI) at UA is to bring together and integrate scientific communities around research, next-generation technology, personalized nutrition and lifestyle to optimize the state of health for every individual.

The PWI Symposia Series shares perspectives from internationally recognized scientists, followed by discussions with a local panel of expert researchers.

### PANEL DISCUSSION BEGINS AT 6:00PM

#### Moderator

Michael Worobey, PhD

#### Panelists

Floyd "Ski" Chilton, PhD

Anita Koshy, MD

Joanna Masel, PhD

## SYMPOSIA SERIES

FRIDAY MAY 3, 2019

5:00PM - 7:00PM

Thomas W. Keating Bioresearch Building | Room 103  
1657 E Helen St, Tucson, AZ 85721

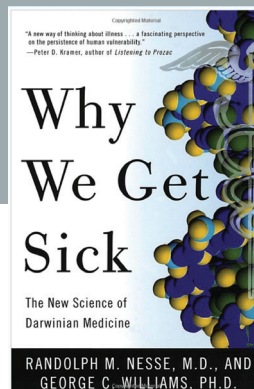
*Refreshments Served*

### WHAT EVOLUTION OFFERS TO MEDICINE... AND VICE VERSA

Using the basic science of evolutionary biology to improve human health is a fast-growing enterprise. It expands the view from that of a mechanic to that of an engineer who asks why natural selection left us so vulnerable to so many diseases. Why do alleles for myopia, aging and schizophrenia persist? Why does the body synthesize apparently dangerous molecules like amyloid beta and bilirubin? Why are excesses of pain and anxiety so common? Why don't we have better defenses against cancer? Answers to such questions deepen our understanding of disease and inspire new research that will improve human health.



**Randy Nesse, PhD**  
Evolutionary Medicine  
Arizona State University



Dr. Randy Nesse is the author of  
'Why We Get Sick'.



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