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.

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.

PANEL DISCUSSION BEGINS AT 6:00PM

Moderator
Michael Worobey, PhD

Panelists
Floyd “Ski” Chilton, PhD
Anita Koshy, MD
Joanna Masel, PhD

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

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