

UC IRVINE HEALTH DIABETES CENTER NEWS

FALL 2018

In This Issue

Welcome to the Fall 2018 issue of
UC Irvine Health Diabetes Center News!

Participate in the “All Of Us” Program

UCI’s Giving Day: Your Support Finds A Cure

Can A Low-calorie Diet Reduce Inflammatory Response, Diabetes, and Aging?

Message from the Director

Leave A Lasting Legacy

Join Us!

12th Annual Celebrate the Center Event

“Passport To A Cure: Our
Journey Continues With Your
Gift”

October 18, 2018

5:30 to 8:00 p.m.

Newport Beach Country Club

All of Us

Research led by NIH seeks to develop “precision medicine”

You’re invited to participate in the “All of Us” research program. “All of Us” is an NIH-led effort to develop “precision medicine.” This program aims to recruit 1 million individuals—all ages, all states of health, all regions of the U.S. The goal is to learn more about how our DNA and other predictors/markers that are unique to each person can help customize and guide healthcare to maximally benefit each person, also known as “precision medicine.”

UC Irvine is leading a consortium of California institutions to implement the program in this state. Dr. Hoda Anton-Culver, Director, Genetic Epidemiology Research Institute, is

the UCI Principal Investigator and the center’s Dr. Steven Chessler is co-Principal Investigator.



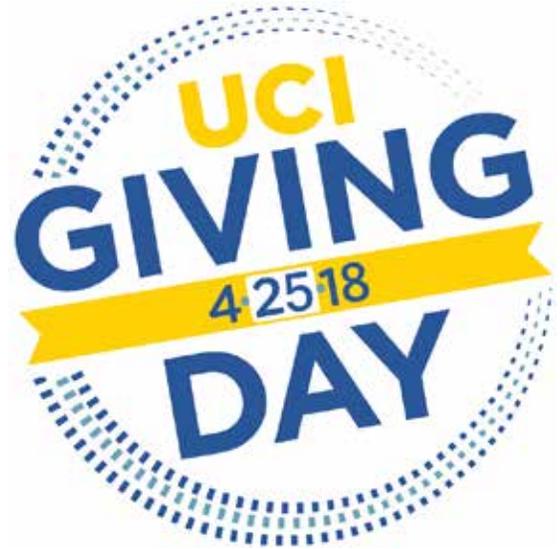
All of Us
RESEARCH PROGRAM

Anyone 18 years or older and receiving care at UCI Health is encouraged to participate. All participants will have to provide a blood and urine sample and other information. Privacy will be tightly protected. Participants will receive a \$25 gift card.

For more information and to participate, call (949) 824-0281 or (949) 824-0282, or email allofus@uci.edu.

UCI's Giving Day: Your Support Finds A Cure

Thank you for your support of the UCI Diabetes Center during UCI's Giving Day on April 25, 2018. Your generosity raised \$31,905 with 37 gifts in 24 hours. Your continued support ignites the spark that turns a new idea into a promising study, a potential treatment, a novel strategy for preventing complications and, ultimately, something that improves health for people with diabetes. Thank you for your loyal and generous support of the Diabetes Center. We are fortunate to be part of this caring Orange County community. And we are grateful to you for making smarter diabetes care possible.



"Passport to a Cure" Annual Fundraiser and Networking Party

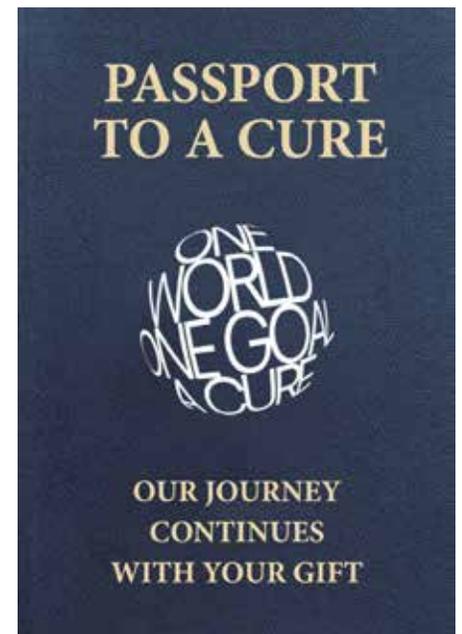
The center will host its 12th Annual Celebrate the Center Fundraiser and Networking Party at the beautiful Newport Beach Country Club on Thursday, October 18, 2018. With cool coastal ocean breezes and a view of the club's golf course, the evening will feature heavy hors d'oeuvres, beverages, research update by Ping H. Wang, MD, director of the diabetes center, and a silent auction.

This year's theme, "Passport to a Cure," represents the center's multidisciplinary approach to advancing research to find a cure for Type I and Type II diabetes. We also celebrate the diversity of our scientists, clinicians, staff and community who support the

ongoing research being done at the center.

As the UCI Health Diabetes Center is the only academic diabetes research center in Orange County, philanthropic support is vital to the Center's ability to provide the best quality patient care and to be better equipped and more prepared than ever to develop new therapies and to educate a new generation of innovative healthcare professionals for our community and the world at large.

Tickets are on sale for \$150 per person and can be purchased by calling (714) 509-2101 or emailing diabetes@uci.edu.



**October 18, 2018
5:30 p.m. to 8:00 p.m.
Newport Beach Country Club**

Message from the Director

Research for a diabetes cure is ongoing and sometimes may seem never ending. But there are exciting new advances in diabetes care in the last few years: continuous glucose monitoring devices; new insulin pumps and new medications for the treatment of Type 2 diabetes.

However, there still isn't a cure for diabetes. UCI scientists are working on a fundamental process that will help us understand how the pancreas regenerates islet cells. This will help us develop new strategies for finding a cure for both Type 1 and Type 2 diabetes.

Our researchers are continuously working on projects focused on new ways to prevent diabetic heart disease, kidney complications, fatty liver and obesity.

We will continue to provide progress updates on our advances and discoveries. We appreciate your support for our research and hope you enjoy this edition of our newsletter.

Ping H. Wang, MD
Director, UC Irvine Health Diabetes Center

Leave a Lasting Legacy

You live your life with purpose, you care for others and you make a difference in someone's life every day. Now, you can leave a legacy of hope for others struggling with diabetes. By leaving a gift to the UCI Diabetes Center in your will or trust, you will be remembered for generations to come as someone who made a difference for so many every single day. No gift is too small and it costs nothing now. For more information about a legacy estate gift, please contact Rhonda Halverson at (949) 824-0507 or Rhonda.Halverson@uci.edu.

Get Social with Us

Find the UCI Health Diabetes Center on Facebook, LinkedIn, Pinterest and Twitter:



Visit UCIDIabetes.com to sign up for our monthly e-mail blast!

Executive Council

Susan Bowman, PhD
David Brownstein
Anson Cain
W. Richard Chatham
David Chavez
Rajer Choobak

Brad Cohen
Gregory Ko
Chase Lewis
Doug McCombs
Brian Novak, PhD
Dennis Parrott

Advisory Board

Adrienne Thomas
Jerry von Talge, PhD
Dean Yoost, Chair
Ping H. Wang, MD,
Director

Brian Backstrom
Robert Follman
Roger Grad
Rick Keller
Eric Kramer

Sue Parks
Dan Pennington
Robert Pfeif

Editorial Contributors

Sasha Advani
MJ Christian, MA, RD, CDE
Brian Novak, PhD
Jerry von Talge, PhD
Ping H. Wang, MD
Suzie Won-Speizer

If you wish to have your name removed from future Health Advancement fundraising requests, please email us at OptOutHealthAffairs@uadv.uci.edu or call our toll-free number at 855.824.3768.

Can a Low Calorie Diet Reduce Inflammatory Response, Diabetes and Aging?

Research performed at the UCI Diabetes Center recently demonstrated that a low-calorie diet can allow more efficient energy metabolism thereby providing clues about inflammatory response, diabetes, and aging. The study looked at two groups of mice, testing liver tissue samples to determine energy metabolism efficiency. The first group was fed a calorie rich diet. After 18 months, the liver cells from this group were

processing energy inefficiently. On the other hand, the second group of mice, fed a diet containing 30% fewer calories than the first group, showed more efficient energy metabolism after 18 months clearly showing the link between a low-calorie diet and more efficient energy metabolism.

The present study dovetails nicely with previous studies by the UCI Diabetes Center. Previous studies

had shown that low-calorie diets can prevent effects of stem cell assisted physiological aging and that low-calorie diets can extend cell longevity. The results of the present study coupled with these previous results show that there is a link between low-calorie diets and cell longevity as well as inflammatory response, diabetes, and aging.