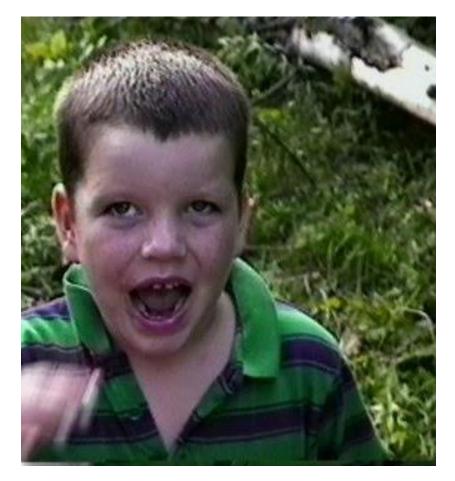
#### JDRF typeonenationsummit

**25 Years of Progress** 

**Brian Herrick** 

## T1D: a love hate story



- Diagnosed February 18, 1993
- Prevented me from being as carefree as my friends, but didn't prevent me from being AWESOME.



## Where we were

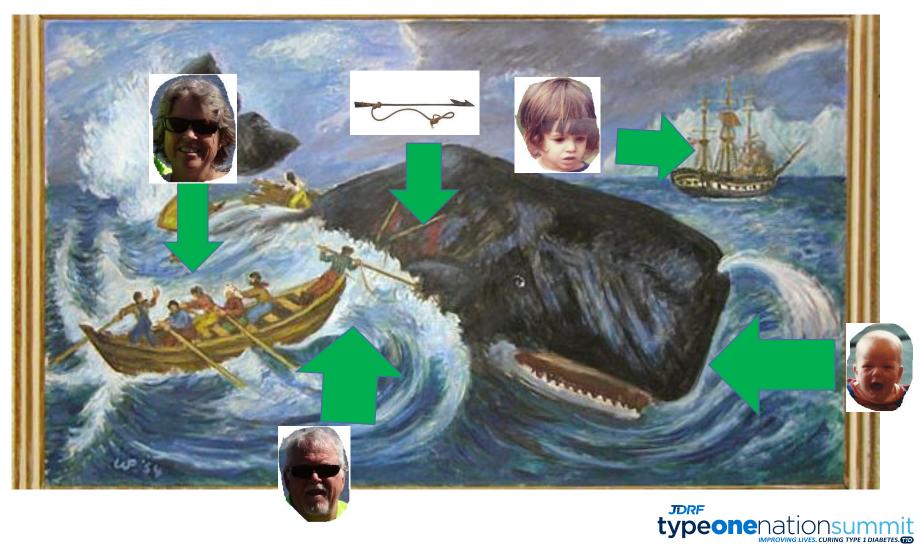








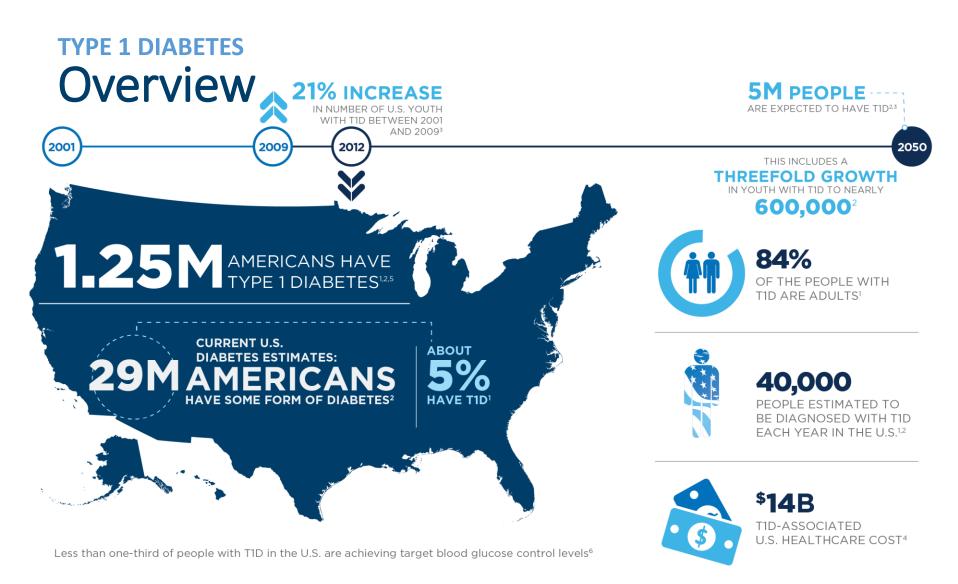
## A day in the life





# typenone





<sup>1</sup> CDC National Diabetes Statistics Report, 2014 <sup>2</sup> Imperatore, et al. 2012. Diab Care 35: 2515-2520 <sup>3</sup> Dabelea, et al. 2014. JAMA 311: 1778-1786 <sup>4</sup> Shapiro, Pham 2013. Georgetown: 2542171



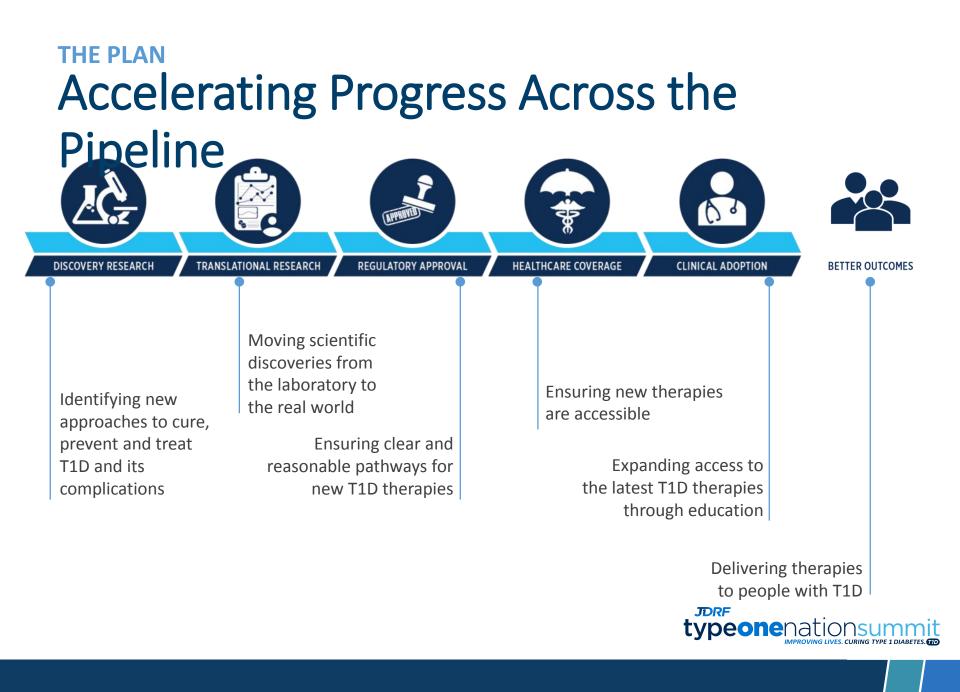


## JDRF typenone

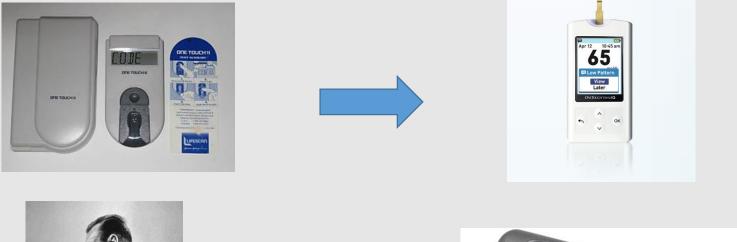
## Doing the Greatest Good, for the Largest Number of People,

in the Shortest Period of Time





## The age of enlightenment









## Street Cred



- Involved with JDRF since 1999
  - T1D treatments:
    - NPH insulin
    - R insulin
    - Compressed air injector (?)
    - Novolog
    - Humalog
    - Medtronic pumps since 2001
    - Medtronic sensor
    - Dexcom Sensor
- JDRF Rider
- JDRF Walker
- JDRF Advocate
- JDRF Staff



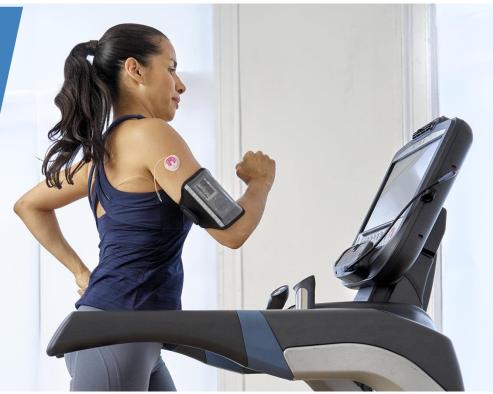
#### THE PLAN Artificial Pancreas

#### Our plan is to create a future where...

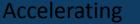


#### **Artificial Pancreas**

The burden is eased all day, and you sleep safely through the night



#### Typeonenationsummit



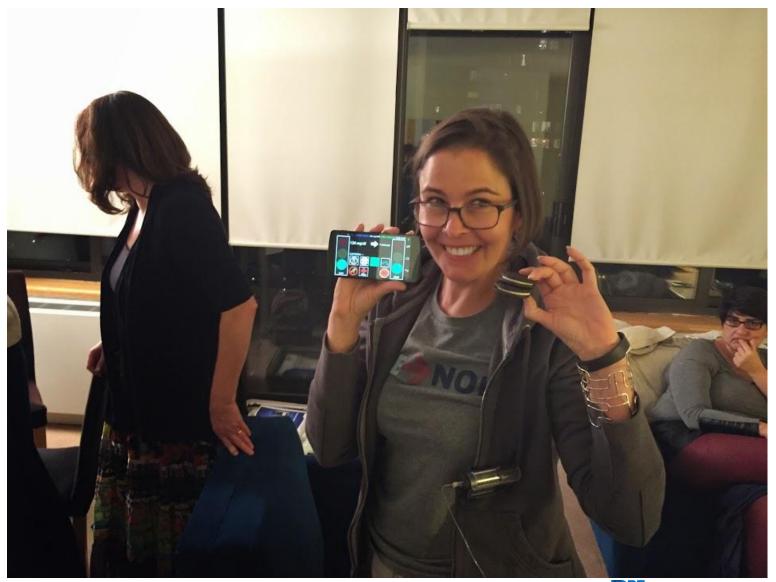


#### WHAT DOES A CLINICAL TRIAL LOOK LIKE?

















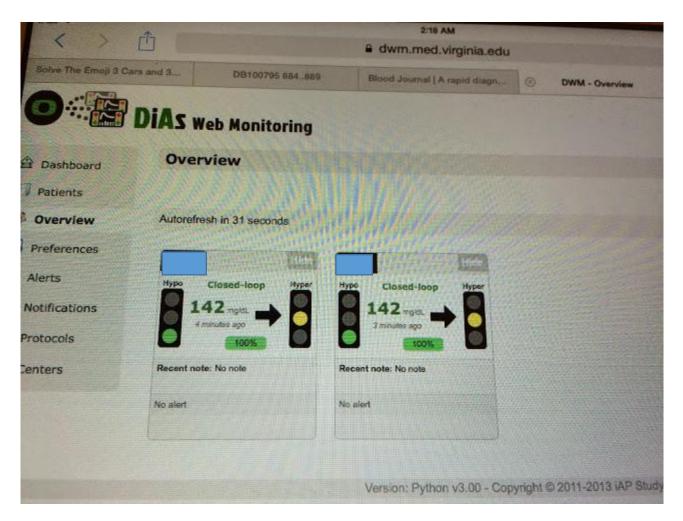


## typeonenationsummit











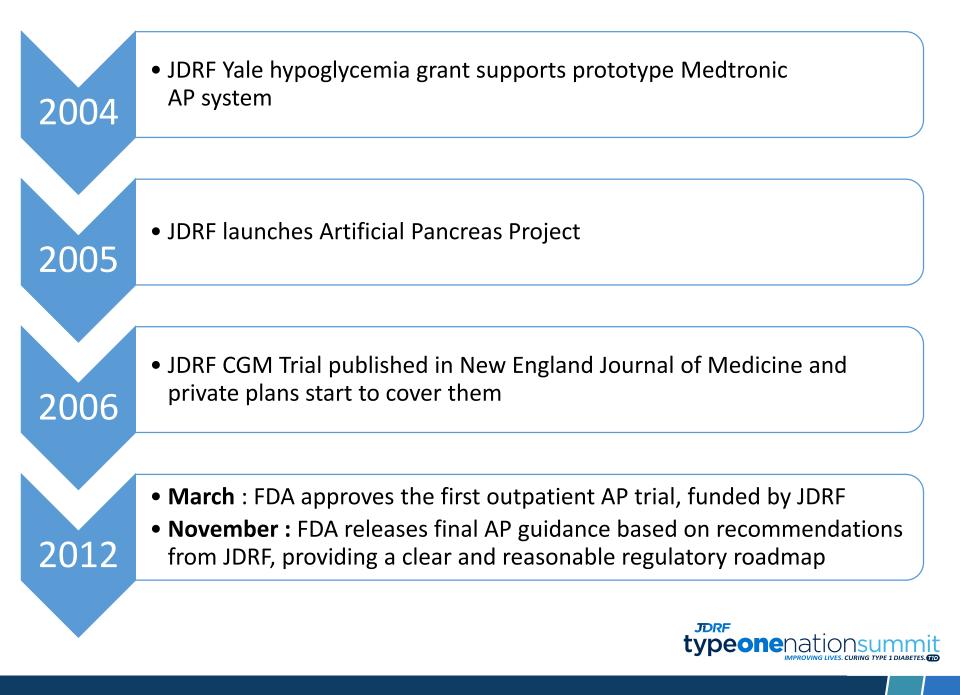
## Progress





#### JDRF ROLE IN AP





## Don't just take my word for it

- "I think JDRF got us here a lot faster than we could have any other way."
  - Dr. Francine Kaufman, CMO, Medtronic Diabetes
- "JDRF deserves enormous credit for knocking down the biggest gating factor to automated insulin delivery all those years ago – FDA."
  - Kelly Close, Close Concerns





#### JDRF typeonenationsummit

#### THIS IS A HUGE DEAL. HERE'S WHY.



## Alecia Wesner



- Strengths
  - T1D Champion
  - Walker
  - Rider
  - Clinical trial participant
  - FOB (friend of Brian)
- Weaknesses
  - Eating on long rides
  - Nighttime lows



## **Brian Herrick**



- Strengths:
  - T1D jokes
  - Bleeding
- Weaknesses:
  - Processing sugar
  - Nighttime control
  - Waking up when my CGM goes off



## **Becky Herrick**



- Strengths
  - Intelligence
  - Processing sugar
  - Tolerating me
- Weaknesses
  - Needs 8 hours of sleep a night



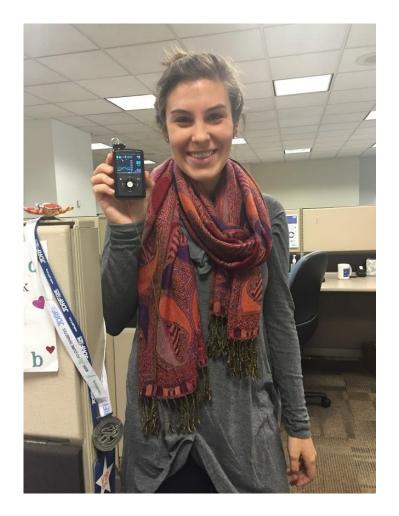
#### SLEEP. THE FINAL FRONTIER. Our white whale



- Pure, unadulterated sleep.
- For 8 hours
- Or maybe 9
- Or 10 if it's been a long week



## Kady Helme



- Strengths:
  - T1D Champ
  - JDRF Employee
  - Data-provider
  - Perfect nighttime blood sugars while on the Medtronic 670g for months
- Weaknesses
  - Sharing the 670g with me



#### THE PLAN Continuous Therapeutic Improvements





#### YOUR SUPPORT Raising Awareness. Raising Funds.





AN IN-SCHOOL PROGRAM GEARED TOWARD AWARENESS, EDUCATION AND FUNDRAISING FOR T1D RESEARCH





THE FUNDS RAISED BY JDRF ONE WALK<sup>®</sup> – OUR FLAGSHIP FUNDRAISING EVENT AND THE LARGEST T1D EVENT IN THE WORLD – HELP US TURN TYPE ONE INTO TYPE NONE.

#### JDRF RIDE SO TO CURE DIABETES

BIKE RIDERS REACH PERSONAL TRAINING GOALS AS THEY RAISE CRITICAL FUNDS FOR RESEARCH



#### TEAM JDRF TO CURE DIABETES

AN OPPORTUNITY TO TURN A FAVORITE SPORT, HOBBY OR LIFE EVENT INTO A JDRF FUNDRAISER



typeonenationsummit

## JDRF typeone nationsummit





## **THANK YOU**