

March 2019

# INFECTIOUS DISEASES & GLOBAL PUBLIC HEALTH



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## Division Highlights:

### 2019 UC San Diego Integrity Award Recipient



[Dr. Sara Gianella Weibel](#) was selected as a 2019 UC San Diego Integrity Champion! This award is for individuals who have made outstanding contributions in support of UC San Diego's commitment to integrity. She was one of the 5 people ultimately selected to receive an award. To read more about this, please click [HERE](#).

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### The Perfect Predator: A Scientist's Race to Save Her Husband



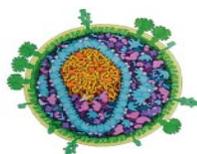
[Dr. Steffanie Strathdee](#) and her husband Dr. Thomas Patterson released a memoir detailing their experience with a life-threatening superbug on their trip to Egypt. Please click [THIS LINK](#) to read more about this and to watch their interview on the Today show.

\*Photo Credit: UC San Diego Health

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## CROI 2019

To view all of the presentations from CROI (including those given by our own faculty), please visit the following link: [CLICK HERE](#)



**CROI**  
Conference on Retroviruses  
and Opportunistic Infections

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## **ID/GPH In the News:**

### **[Study to Investigate How Sexual Trauma Increases HIV Susceptibility in Women](#)**

The link between sexual violence and HIV risk is well-known, extensively documented through behavioral research. But there is growing evidence that sexual trauma also poses a heightened biological risk for HIV infection, especially in adolescents and young women...

### **[UCSD researcher supports President's vow to stop the spread of HIV](#)**

It's been 35 years since doctor Doug Richman treated his first patient with the HIV virus, at a time when the odds of survival were grim.

### **[Recurrent Group A Streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T<sub>H</sub> cells](#)**

"Strep throat" is highly prevalent among children, yet it is unknown why only some children develop recurrent tonsillitis (RT), a common indication for tonsillectomy. To gain insights into this classic childhood disease, we performed phenotypic, genotypic, and functional studies on pediatric group A Streptococcus (GAS) RT and non-RT tonsils from two independent cohorts...

### **[Are Viruses the Best Weapon for Fighting Superbugs?](#)**

Antibiotics won the battle against resistant bacteria, but they may not win the war...

### **[One in four pre-teen suicides may be LGBT youth](#)**

Youth 12 to 14 years old who identify as lesbian, gay, bisexual and transgender (LGBT) are much more likely to die by suicide than their heterosexual peers, a disparity that persists but becomes less pronounced by early adulthood, a U.S. study suggests.

### **[FDA Approves Bacteriophage Trial](#)**

The first US clinical trial of intravenously administered bacteriophage therapy has received FDA approval. Physician researchers at the University of California San Diego (UCSD) School of Medicine will conduct the trial in collaboration with AmpliPhi Biosciences Corporation, a San Diego-based biotechnology company.

### **[New Type of E-Cig as Bad as Regular Cigarette for Your Lungs](#)**

A new type of e-cigarette caused just as much harm to lung cells as traditional cigarettes, according to a study. "Heat-not-burn" tobacco products are already incredibly popular in some overseas markets, but they haven't made inroads into the United States yet.

### **[Why Do Some Children Suffer Strep Throat Over and Over Again?](#)**

Study offers new evidence on the causes of strep and candidates for a vaccine. Doctors could be one step closer to solving the mystery of why some children suffer recurring strep throat...

### **[Tracking HIV's Ever-Evolving Genome in Effort to Prioritize Public Health Resources](#)**

Every county in the United States tracks HIV cases, sequencing the virus' genome to see if it is resistant to current medications and looking for trends. More recently, local health departments and the Centers for Disease Control and Prevention (CDC) have begun using those HIV genetic sequences to trace the virus' transmission history.

### **[Gender budgeting can reduce spousal violence, improve women's well-being](#)**

Gender budgeting, an approach encouraged internationally since 2001, allows governments to take a fiscal path to address persistent gender inequalities that compromise health and development of nation

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If you have any updates or requests for future newsletters, please send an email to **Mayra V Miller** at [mvmiller@ucsd.edu](mailto:mvmiller@ucsd.edu). Thank you!