

NATIONAL FOUNDATION  
FOR INFECTIOUS DISEASES

# FY 2019

## ANNUAL REPORT

JULY 1, 2018-JUNE 30, 2019



National  
Foundation for  
Infectious  
Diseases

# MESSAGE FROM NFID LEADERS

We have faced many public health challenges in the US over the past year: measles outbreaks, waning vaccine confidence in some communities, and new survey data which found that many adults with chronic health conditions, and the healthcare professionals who treat them, are unaware of the increased risk of serious flu-related complications for those with diabetes, heart disease, and lung disease. But there also have been signs of hope: childhood and adolescent vaccination coverage in the US remains high for most vaccines and continues to improve for others; and research is ongoing to develop more effective vaccines and new vaccines to prevent infections due to other pathogens, as well as new approaches to managing drug-resistant infections.

Now more than ever, the mission of the National Foundation for Infectious Diseases (NFID) is vital to protecting public health. Since 1973, NFID has been dedicated to educating the public and healthcare professionals about the burden, causes, prevention, diagnosis, and treatment of infectious diseases across the lifespan.

With your support, NFID reached millions during fiscal year 2019, through educational conferences and webinars, impactful reports, public awareness programs, social media campaigns, and collaborations with partners—all in support of our work to help people live healthier lives through effective prevention and treatment of infectious diseases. NFID also

recognized the humble heroes of public health and women leaders in vaccinology, and honored their contributions to disease prevention, scientific research, and humanitarian efforts.

This annual report provides highlights of our accomplishments, many of which you helped us achieve. Thank you for your ongoing support of NFID and our efforts to raise awareness and promote public health. Together, we make a difference every day.

With gratitude,



**Joseph A. Bocchini, Jr., MD**  
President



**Marla Dalton, PE, CAE**  
Executive Director & CEO



## A VISION FOR THE FUTURE

Healthier lives through effective prevention and treatment of infectious diseases

## CORE VALUES

- Collaboration
- Diversity and Inclusion
- Evidence-Based
- Integrity
- Transparency

### EACH YEAR IN THE US:

**\$11.2  
BILLION** ESTIMATED AVERAGE ANNUAL ECONOMIC COST OF INFLUENZA (FLU)

**15.5  
MILLION** ANNUAL VISITS TO A HEALTHCARE PROFESSIONAL DUE TO INFECTIOUS DISEASES

**2.8+  
MILLION** BACTERIAL INFECTIONS RESISTANT TO ANTIBIOTICS

**50,000+** ADULT DEATHS DUE TO VACCINE-PREVENTABLE DISEASES

**35,000+** DEATHS RESULTING FROM DRUG-RESISTANT INFECTIONS

# NFID BY THE NUMBERS

## EDUCATING THE PUBLIC

**MILLIONS** of Public Service Announcement Views

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**TENS OF THOUSANDS** of Social Media Engagements

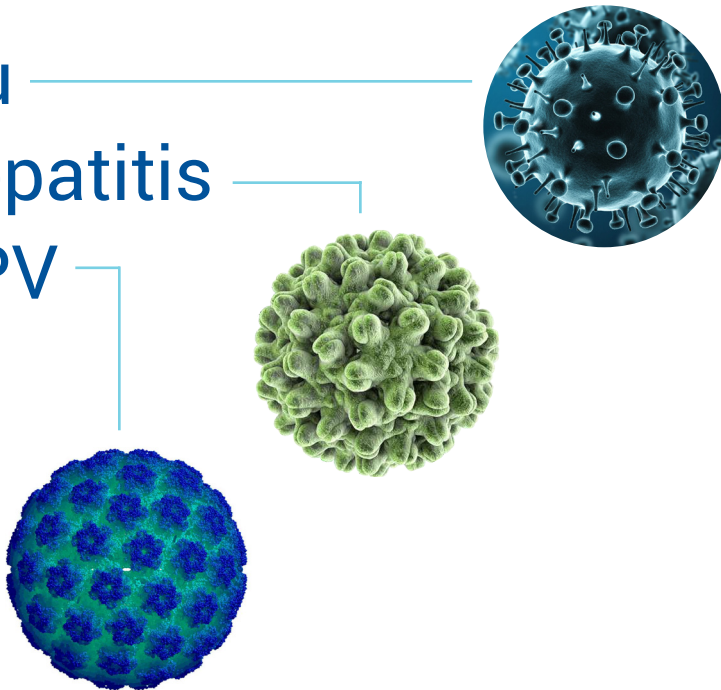
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**THOUSANDS** of NFID Media Mentions

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**3** Impactful Awareness Campaigns

- Flu
- Hepatitis
- HPV



## EDUCATING HEALTHCARE PROFESSIONALS

**13,500+** Individuals from 58 Countries

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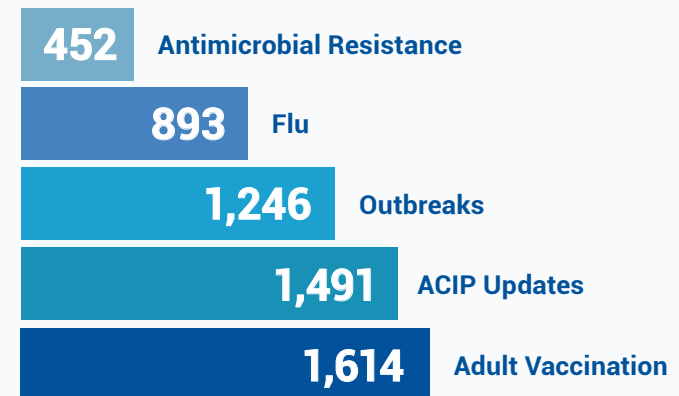
**16** Webinars

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**2** Conferences/Courses

### Popular Webinar Topics

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# BUILDING PARTNERSHIPS, ENGAGED IN ACTION

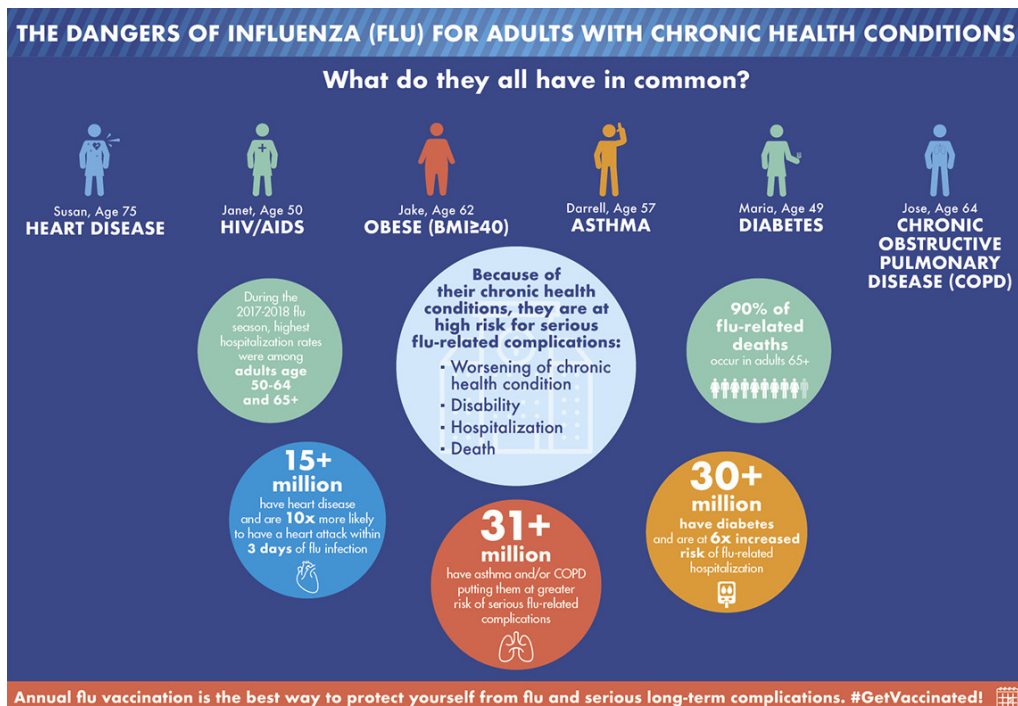
## Leading Health Officials Urge Flu and Pneumococcal Vaccination

NFID once again kicked off the 2018-2019 flu season at the 2018 Annual Influenza/Pneumococcal News Conference during which US Surgeon General Jerome M. Adams, MD, MPH, and then-Commissioner of Food and Drugs Scott Gottlieb, MD, joined leading health experts to discuss the importance of preventing flu and pneumococcal disease. A panel of national experts on pediatrics and obstetric care encouraged all individuals age 6 months and older to get vaccinated annually against flu. The panelists all led by example and received their flu vaccines at the news conference, which continues to attract significant media attention each year—earning more than 730 million media impressions in 2018.



# Call to Action: Dangers of Influenza and Benefits of Vaccination in Adults with Chronic Health Conditions

NFID issued an urgent Call to Action in September 2018 about the dangers of influenza (flu) infection among adults with chronic health conditions including heart disease, lung disease, and diabetes. The [Call to Action](#) also stressed the need for improved adult flu vaccination rates. Additionally, a new national survey conducted by NFID found that most US adults are not aware that individuals with certain chronic health conditions face a higher risk of flu-related complications, including an increased risk of heart attack and stroke.



## Call to Action

### The Dangers of Influenza and Benefits of Vaccination in Adults with Chronic Health Conditions

September 2018

National Foundation for Infectious Diseases

## THE DANGERS OF INFLUENZA (FLU): WHY PEOPLE WITH HEART DISEASE NEED TO GET VACCINATED

**28+ million adults have heart disease, and are at 6x increased risk of heart attack within 7 days of flu infection**

**SERIOUS COMPLICATIONS MAY INCLUDE:**

- 6x increased risk of heart attack within 7 days of flu infection
  - Hospitalization
  - Increased risk of stroke
- Permanent physical decline/loss of independence
- Higher risk of death

## #Outbreak: Epidemics in a Connected World

NFID continued its support of the three-year Smithsonian exhibit, "Outbreak." On display at the National Museum of Natural History (NMNH) in Washington, DC until 2021, "Outbreak" examines the intricate network between humans, animals, their environments, and microbes—why infectious diseases emerge where they do, how they spread from animals to people, why some outbreaks become epidemics, and how people in different disciplines and countries are working together to stop them. The exhibit also addresses public fears and media hype head-on, empowering visitors to respond to future epidemics with knowledge and awareness. Visitors are invited to join epidemiologists, veterinarians, public health workers, and citizens of all ages and origins as they rush to identify and contain infectious disease outbreaks.



**Collaboration and partnership with professional societies, medical and patient advocacy groups, and others is central to our work and success**

### Partners include:

Adult Vaccine Access Coalition  
Alliance for Aging Research  
American Academy of Family Physicians  
American Academy of Pediatrics  
American Academy of Physician Assistants  
American Association of Diabetes Educators  
American College Health Association  
American College of Cardiology  
American College of Emergency Physicians  
American College of Obstetricians and Gynecologists  
American College of Physicians  
American Liver Foundation  
American Lung Association  
American Medical Group Association  
American Nurses Association  
American Osteopathic Association  
American Pharmacists Association  
American Public Health Association  
American Sexual Health Association  
Asian and Pacific Islander American Health Forum  
Association for Professionals in Infection Control and Epidemiology  
Association of Immunization Managers  
Association of State and Territorial Health Officials  
Caregiver Action Network  
Centers for Disease Control and Prevention  
Centers for Medicare and Medicaid Services  
Council of State and Territorial Epidemiologists  
Dosomething.org

Emory University School of Medicine  
 Families Fighting Flu  
 Football Writers Association of America  
 GIANTmicrobes  
 Health is Primary  
 Hepatitis B Foundation  
 Hepatitis B Initiative of Washington, DC  
 Hep B United  
 Immunization Action Coalition  
 Infectious Diseases Society of America  
 MedStar Visiting Nurse Association  
 National Adult and Influenza Immunization Summit  
 National Association of County and City Health Officials  
 National Association of Pediatric Nurse Practitioners  
 National Association of School Nurses  
 National Black Nurses Association  
 National Community Pharmacists Association  
 National Hispanic Medical Association  
 National Institutes of Health  
 National Medical Association  
 National Minority Quality Health Forum  
 National Task Force on Hepatitis B: Focus on Asian and Pacific Islander  
 Research!America  
 Sabin Vaccine Institute  
 Smithsonian National Museum of Natural History  
 Society for Healthcare Epidemiology of America  
 The Gerontological Society of America  
 UNITY Consortium  
 US Department of Health and Human Services  
 US Department of Veterans Affairs  
 US Food and Drug Administration  
 Vaccinate Your Family  
 Washington Nationals

National Foundation for Infectious Diseases

## Let's Talk about HPV: Conversations about a Cancer-Preventing Vaccine

In the summer of 2018, NFID collaborated with the social advocacy group DoSomething.org on a national digital campaign to raise awareness about human papillomavirus (HPV) and to encourage teens and young adults to talk with their parents and guardians about HPV vaccination, which can help prevent certain cancers.





# Delivering Critical Messages about Preventing Hepatitis B Infection


NFID launched a new initiative in November 2018 to reduce hepatitis B infections in the US by increasing hepatitis B vaccination rates in at-risk adults. Hepatitis B is a leading cause of liver cirrhosis and liver cancer. Nearly 30 years after the US adopted a public health strategy aimed at eliminating transmission of hepatitis B virus, adult immunization rates remain stagnant at 25 percent and new infections appear to be on the rise.

“Hepatitis B is an insidious virus. It can live silently inside us for decades, but all the while it is attacking the liver,” says NFID Medical Director William Schaffner, MD. “It is only when serious damage is done that symptoms start and by then it can be very hard and often impossible to offer any meaningful treatment.” The solution, according to the multidisciplinary group of experts who helped shape the initiative, is more widespread vaccination among at-risk US adults.




## HEPATITIS B: ARE YOU AT RISK?

HEPATITIS B IS A SERIOUS & DEADLY DISEASE




Hepatitis B virus infects people of all ages & as many as **2.2M people** in the US are chronically infected




**Up to 40%** of chronic infections lead to cirrhosis, liver failure, and liver cancer, which may lead to death

HEPATITIS B IS EASILY SPREAD

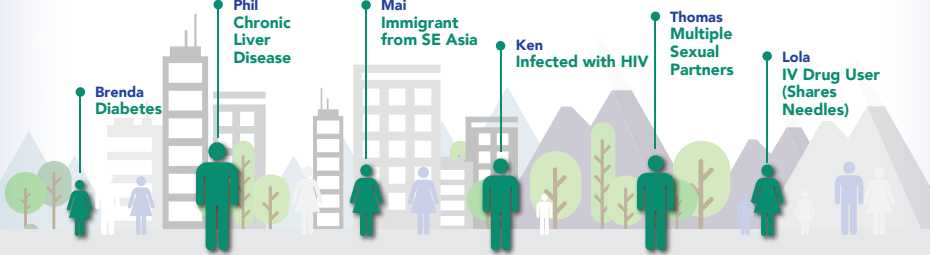


Hepatitis B is **50 to 100X more** infectious than HIV and can live outside the body for **7+ days** and still cause infection




**2/3 of those** living with chronic hepatitis B do not know they are infected but can still spread the virus to others

MANY ADULTS ARE AT RISK




SAFE & EFFECTIVE VACCINES ARE AVAILABLE



**Only 25% of US adults** get vaccinated against hepatitis B as recommended by the Centers for Disease Control & Prevention (CDC)

TALK TO A HEALTHCARE PROFESSIONAL ABOUT VACCINATION TO HELP PROTECT YOURSELF AGAINST HEPATITIS B



National Foundation for Infectious Diseases  
www.nfid.org/hepatitis-b

# Partnering with the Football Writers Association of America to Help #FightFlu

NFID and the **Football Writers Association of America** joined forces in July 2018 to present the annual Outland Trophy as part of a continued public awareness campaign focused on the importance of influenza (flu) prevention. Selected by FWAA, the trophy is awarded annually to the top interior lineman in college football. The program reinforces annual vaccination as the best line of defense against flu.

“The partnership with the Outland Trophy offers NFID a timely opportunity to promote the importance of flu prevention and reminds college football fans all across the US that annual flu vaccination is recommended for all individuals age 6 months and older,” said NFID Executive Director & CEO, Marla Dalton, CAE. “With millions of college football fans congregating at stadiums and tailgate parties every weekend, it is critical for everyone to get vaccinated to protect themselves and each other.”



# STRATEGIC PARTNERS

Through their participation in the 2019 Strategic Partners Program, the organizations listed below demonstrated their commitment to creating healthier lives and reducing suffering from preventable diseases



## GOLD

AstraZeneca  
GSK  
Merck & Co., Inc.  
Pfizer Inc.  
Sanofi Pasteur

## SILVER

Janssen Therapeutics  
Medicago Inc.

## BRONZE

Seqirus USA Inc.  
Takeda

NFID also thanks the many individuals and foundations who generously support our mission

# RECOGNIZING LEADERS

On May 9, 2019, NFID honored three distinguished public health heroes during its annual black-tie event at the historic Willard InterContinental in Washington, DC

## Jimmy and Rosalynn Carter Humanitarian Award

Jeremy Farrar, FRS  
Welcome Trust

Presented annually by NFID, the Jimmy and Rosalynn Carter Humanitarian Award honors individuals whose outstanding humanitarian efforts and achievements have contributed significantly to improving global public health.

## Maxwell Finland Award for Scientific Achievement

Anne A. Gershon, MD  
Columbia University Vagelos College of Physicians and Surgeons

Presented annually by NFID, the Maxwell Finland Award for Scientific Achievement honors scientists who have made outstanding contributions to the understanding of infectious diseases and public health.

## John P. Utz Leadership Award

Richard E. Besser, MD  
Robert Wood Johnson Foundation

The John P. Utz Leadership Award honors an NFID founder and champion in the fight against infectious diseases. The award is presented to individuals who exemplify and support NFID leadership goals, through service to NFID and/or the field of infectious diseases.





# BOARD OF DIRECTORS

## Beth P. Bell, MD, MPH

University of Washington School of Public Health

## Joseph A. Bocchini, Jr., MD

### NFID President

Louisiana State University Health Sciences Center

## Ruth M. Carrico, PhD, RN, CIC

University of Louisville School of Medicine

## Cristina Cassetti, PhD

NFID Federal Liaison  
National Institute of Allergy and Infectious Diseases, National Institutes of Health

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Center for Vaccine Development,  
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## Walter A. Orenstein, MD

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## Cynthia Pellegrini

March of Dimes

## Kevin Rooney

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Beacon Consulting Group

## William Schaffner, MD

### NFID Medical Director

Vanderbilt University School of Medicine

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### NFID Vice President

Children's Minnesota

## H. Keipp B. Talbot, MD, MPH

### NFID Secretary

Vanderbilt University School of Medicine

## Patricia N. Whitley-Williams, MD

### NFID President-Elect

Rutgers Robert Wood Johnson Medical School

# IN MEMORIAM

We remember with fondness  
and appreciation NFID Director

Cynthia (Cindy) Pellegrini,  
who passed away on July 26, 2019



# FINANCIAL HIGHLIGHTS

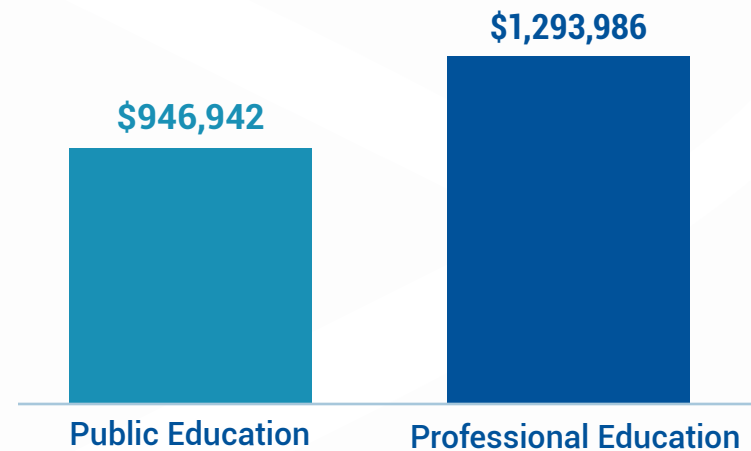
## REVENUE

Contributions and Grants	\$2,200,418
Special Events	\$68,400
Other Revenue	\$478,980
<b>TOTAL REVENUE</b>	<b>\$2,747,453</b>

## EXPENSES

Program Services	\$2,240,928
Administration	\$308,652
Fundraising	\$270,100
<b>TOTAL EXPENSES</b>	<b>\$2,819,680</b>

## BREAKDOWN OF PROGRAM EXPENSES



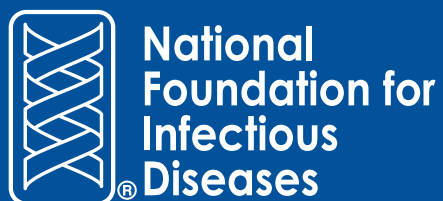
Source: NFID Financial Audit Report by Dembo Jones Certified Public Accountants & Advisors FY 2019

Once again, NFID has received the highest ratings for accountability and transparency from Charity Navigator and GuideStar. We continue to hold ourselves to the highest standards as we strive to achieve our vision of healthier lives through effective treatment and prevention of infectious diseases.



Founded in 1973, the National Foundation for Infectious Diseases (NFID) is a non-profit 501(c)(3) organization dedicated to educating the public and healthcare professionals about the burden, causes, prevention, diagnosis, and treatment of infectious diseases across the lifespan.

**Learn more and donate online at [www.nfid.org](http://www.nfid.org)**



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