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

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

CORE VALUES
- Collaboration
- Diversity and Inclusion
- Evidence-Based
- Integrity
- Transparency
NFID BY THE NUMBERS

EDUCATING THE PUBLIC

MILLIONS of Public Service Announcement Views

TENS OF THOUSANDS of Social Media Engagements

THOUSANDS of NFID Media Mentions

3 Impactful Awareness Campaigns

- Flu
- Hepatitis
- HPV

EDUCATING HEALTHCARE PROFESSIONALS

13,500+ Individuals from 58 Countries

16 Webinars

2 Conferences/Courses

Popular Webinar Topics

- Antimicrobial Resistance: 452
- Flu: 893
- Outbreaks: 1,246
- ACIP Updates: 1,491
- Adult Vaccination: 1,614

National Foundation for Infectious Diseases

FY 2019 Annual Report
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.
#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
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.
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

Brenda Diabetes
Phil Chronic Liver Disease
Mai Immigrant from SE Asia
Ken Infected with HIV
Lola IV Drug User (Shares Needles)

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
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

Sara E. Cosgrove, MD, MS
Johns Hopkins University School of Medicine

Marla Dalton, PE, CAE
NFID Executive Director & CEO

Richard J. Duma, MD, PhD
NFID Director Emeritus

Jeffery A. Goad, PharmD, MPH
Chapman University School of Pharmacy

Lisa S. Ipp, MD
Weill Cornell Medicine
New York-Presbyterian

Ruth Lynfield, MD
Minnesota Department of Health

Kathleen M. Neuzil, MD, MPH
Center for Vaccine Development, University of Maryland School of Medicine

Walter A. Orenstein, MD
NFID Immediate Past-President
Emory Vaccine Center

Cynthia Pellegrini
March of Dimes

Kevin Rooney
NFID Treasurer
Beacon Consulting Group

William Schaffner, MD
NFID Medical Director
Vanderbilt University School of Medicine

Patricia A. Stinchfield, RN, MS, CPNP, CIC
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

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<td>Contributions and Grants</td>
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<td>Special Events</td>
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<tr>
<td>Other Revenue</td>
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EXPENSES

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<td>Fundraising</td>
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<td><strong>TOTAL EXPENSES</strong></td>
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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