

Funding in Illinois

National Institute of Allergy and Infectious Diseases (NIAID)

National Institute of Allergy and Infectious Diseases (NIAID)

at the National Institutes of Health (NIH) is the primary funder of biomedical research and research training dedicated to understanding, diagnosing, treating, and preventing infectious diseases, immune disorders, and allergies including:

- antimicrobial resistant infections
- HIV/AIDS
- influenza and other vaccine preventable diseases
- tuberculosis
- malaria and emerging infectious diseases such as COVID-19
- mpox
- Ebola
- Zika

Because infectious diseases complicate many other diseases and interventions, such as cancer chemotherapy, organ transplantation, hip/knee replacements and other surgeries and other complex care, NIAID-funded research is essential to modern healthcare.

NIAID provides crucial support to recruit, train and retain the infectious disease (ID) physician-scientist workforce. To achieve these important objectives, NIAID provides research, training, and career development grants to scientists (including physician-scientists) to ensure there is a robust ID research workforce to address the diversity of ID conditions and outbreaks that threaten patients and public health. Many ID physicians and scientists receive these NIAID grants, including ID physicians and researchers in your state/district.

NIAID Funding

281

**Projects Funded
in Illinois**

\$151,271,165

**Total Project Funding
in Illinois**

9

**Congressional Districts
with Funded Projects**
(Districts 1, 5, 6, 7, 9, 10, 12, 13,
and 17)

Funding Amount Per Institution

Amount	Projects	Institution
\$42,339,754	84	Northwestern University
\$55,114,174	68	The University of Chicago
\$13,515,708	34	University of Illinois Chicago
\$12,901,872	32	University of Illinois Urbana - Champaign
\$6,747,672	19	Loyola
\$3,661,911	8	Ann & Robert H. Lurie Children's Hospital of Chicago

Amount	Projects	Institution
\$3,274,114	8	RUSH University Medical Center
\$1,305,165	4	Rosalind Franklin University of Medicine and Science
\$1,127,066	3	Midwestern University
\$1,981,757	2	Chicago BioSolutions, Inc.
\$1,100,000	1	Hektoen Institute for Medicine
\$1,909,948	2	IIT Research Institute
\$517,840	2	Illinois State University
\$1,742,008	2	Immunartes, LLC.
\$661,698	2	Southern Illinois University Carbondale
\$532,382	2	Tango Biosciences, Inc.
\$299,066	1	Covira Surgical, Inc.
\$424,871	1	Illinois Institute of Technology
\$410,867	1	Loyola University of Chicago
\$224,079	1	Nami Diagnostics LLC.
\$761,409	1	Northwestern University
\$1,109,538	1	Talis Biomedical Corporation
\$297,493	1	Thyreos, Inc.

Key Projects in Illinois

Northwestern University

1. Harnessing MUC16-IgG Interactions to Enhance HIV Vaccine Function

University of Chicago

1. Infections and the Stability of Transplantation Tolerance

University of Illinois Urbana - Champaign

1. Immunity Against Fungal Infections

Loyola University Chicago

1. Summer Research Experience for Medical Students in Inflammation and Infectious Diseases

Chicago BioSolutions, Inc.

1. 4-(Aminomethyl) Benzamides as Novel Anti-Ebola Agents

Midwestern University

1. Elucidating the Temporal Mechanism of Vancomycin Kidney Toxicity as a Means to Prevent Injury

RUSH University Medicine Center

1. The Clinical History of Rectal and Urethral STIs among MSM: Characterizing Microbiome Host Immune Interactions for Diagnostic and Vaccine Advances

Ann & Robert H. Lurie Children's Hospital of Chicago

1. Molecular Signatures of Early-onset Neonatal Sepsis in Umbilical Cord Blood

Hektoen Institute for Medicine

1. Keeping it LITE 2: Exploring HIV Risk in Vulnerable Youth with Limited Interaction and Digital Health Intervention (LITE-2)

Nami Diagnostics, LLC.

1. Development of a Novel Nanoparticle Biosensor for Rapid, Point-of-care Sepsis Diagnosis and Risk Assessment

Covira Surgical, Inc.

1. A Novel, Non-antibiotic, Microbiome-directed Agent to Prevent Post-surgical Infection

Immunartes LLC.

1. Advanced Development of a Vaccine Candidate for Staphylococcus aureus Infection

Types of NIAID Funding Opportunities

1. **Research Grants – NIAID** (awarded to established scientists)
2. **Training and Career Development Grant Programs**
 - a. **Training Grants** (T Grants)
 - b. **Fellowship Grants** (F Grants)
 - c. **Research Career Development Awards** (K Grants)
 - d. **Loan Repayment Programs**
 - e. **Research Supplements** (for scientists from underrepresented groups)
3. **Research Project (R25 and R38)** – The NIAID Research Education Program (R25) and the Stimulating Access to Research in Residency (StARR) Program (R38) are grants available to support institutions in training participants to conduct biomedical research.