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- Expand existing programs
- Use NIAID clinical trial sites
- Expand human challenge studies
- Increase support for investigator-initiated applications
- Develop targeted funding opportunities
- Launch a multidisciplinary consortium for development of universal influenza vaccines
- Coordinate activities to advance all research areas







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Impact of Initial Influenza Exposure on Immunity in Infants

- New Program to establish longitudinal cohorts of infants to determine how initial and repeated infections and/or vaccinations shape infant and childhood immunity to future influenza exposures (RFA-AI-18-01)
- Applications received and will undergo peer review soon
- Awards expected in Spring or Summer 2019



Advancing Research Needed to Develop a Universal Influenza Vaccine

- Funding opportunities for investigator-initiated research, US domestic and international applicants welcome
- Supports areas of interest outlined in NIAID's Universal Influenza Vaccine Strategic Plan
 - viral transmission, natural history and pathogenesis
 - immunity and correlates of immune protection
 - rational design of universal influenza vaccines
- Funding mechanisms:
 - PA-18-858: R21, innovative research, 2 year award, \$275,0000 direct costs over 2 years
 - PA-18-859: R01, up to 5 year award, average of \$250,000 direct costs/year

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- <u>Objective</u>: Develop innovative influenza vaccine approaches that provide robust, durable, broadly protective mucosal and systemic immunity
- Broad Agency Announcement (BAA): <u>HHS-NIH-NIAID-BAA2018</u> <u>Amendment 1</u>
- Program Structure:
 - Component A: Vaccine Center (at least 2)
 - Component B: Vaccine Manufacturing and Toxicology Core (1)
 - Component C: Clinical Core (1)
- Applications due November 29, 2018 5pm Eastern Time; separate applications for each component
- Separate initiative (RFP) for Statistical and Data Management Coordination Center (SDMCC): RFP-NIAID-DAIT-NIHAI201800018
- 7 year program; first year Total Cost for entire CIVICs = \$30M







