The purpose of this program is to fund a network of pediatric medical institutions conducting prospective, active surveillance for acute gastroenteritis (AGE) and acute respiratory illnesses (ARI) in inpatient and emergency department clinical settings, and among asymptomatic healthy controls. Funded activities for this Core Component award will include the provision of a US pediatric vaccine-preventable (and potentially vaccine preventable) disease surveillance system for a wide variety of AGE and ARI pathogens, evaluations of vaccine effectiveness for licensed vaccines including rotavirus and influenza, burden and natural history of disease for pathogens having upcoming and/or new vaccines, pediatric infectious disease transmission dynamics, informing vaccination/therapeutic policy and development, vaccine impacts for targeted and vulnerable populations, and socioeconomic and microbiological environments potentially relevant to these public health interventions. A second purpose (Optional Component) is to prospectively follow a birth cohort to the second birthday to incorporate a natural history study of pathogens and immunologic factors related to symptomatic and asymptomatic infection in US infants/young children.

An estimated $5,000,000 total funding will be available for each Core Component award for the entire five (5) year project period, with a maximum award of $1,000,000 per year.

**LIMIT ON NUMBER OF PROPOSALS PER ORGANIZATION**

Only one application per institution (normally identified by having a unique DUNS number) is allowed.
KEY DATES

If you are interested in this funding opportunity, please send a one-page summary of the proposed research and your biosketch to Eric Boberg (e-boberg@northwestern.edu) by November 30, 2015.

The sponsor application due date is January 15, 2016.

COLLABORATION OPPORTUNITIES

The Office of Research Development offers assistance in identifying and facilitating collaborations, putting together interdisciplinary teams, programmatic and administrative development of large, cross-school proposals, and leveraging institutional resources for outreach and education. Contact Fruma Yehiely (yehiely@northwestern.edu), Associate Vice President for Research, Director of ORD, for more information.

CONTACT AND ADDITIONAL INFORMATION

Fruma Yehiely, Associate Vice President for Research, Director of ORD, 847-491-1074, yehiely@northwestern.edu
Limited Submissions web site: www.research.northwestern.edu/ord/funding/limited-submissions/