RPRC Mission
To provide NIAID resources to conduct clinical and translational research activities to understand the etiology and impact of viral and bacterial respiratory pathogens, and to develop and evaluate strategies for their control, treatment, and prevention.

RPRC Up and Running
The RPRC has been busy getting up and running in its first year of the contract. The organization structure is in place, budget accounts created, subcontracts and collaborations established, projects identified and initiated, equipment ordered and installed, new hires added to teams, training in process, and templates and processes being put into place.

Everyone’s part, from contract proposal, initiation, setup, to execution has been integral to positioning the RPRC for the work being performed on the projects and in the labs.

Stay tuned for ongoing communication and achievements of the center!

DMID 12-0004 Translational Study Activated
Congratulations to Ed Walsh and team!

The DMID 12-0004 study Identification of Host Responses to Respiratory Syncytial Virus (RSV) Infection and Identification of Factors Associated with Severe Disease was activated on 9/17/12.

This is an observational study of RSV infection in full-term normal infants less than 9 months of age. There are two cohorts (prospective Birth Cohort & Hospital Cohort) from which RSV infected infants will be identified and evaluated.

The study will last 5 years with three consecutive years of recruitment and illness evaluations.

Host, environmental, and viral data will be collected, including CMV status prior to RSV infection plus biological samples to interrogate innate and adaptive immune responses to RSV using genomic, immunologic, and microbiomic methods.

Bioinformatic analysis will identify immune response pathways associated with severe disease by comparing parameters in infants with mild RSV illness to those with severe disease.
RPRC Organization Structure

Where do you fit it?

**Leadership & Administration**
- **Director, PI**: David Topham
- **Co-Director, Co-PI**: Ann Falsey

**Subject Enrollment Sample Collection**
- **Pediatric Clinical Core**: Mary Caserta, Director
- **Adult Clinical Core**: John Treanor, Director

**Collaborations**
- UAB – Moon Nahm
- OHSU – Kevin Winthrop
- JCVI – Richard Scheuermann

**Experiments/Analysis**
- **Pathogen Surveillance**: Ed Walsh
- **Microbiomics**: Steven Gill
- **Genomics**: Tom Mariani
- **Immunology**: Mark Sangster

**Projects/Studies**
- 12-0004
- 12-0012
- Innovation Projects
- Base Projects

**Data Management Informatics and Computational Biology**
- Jeannette Holden-Wiltse
- Hulin Wu
- Martin Zand
- Richard Scheuermann

**Featured Core Area**

**Leadership & Administration**

The **Principal Investigator (PI)/Co-Principal Investigator (Co-PI)** are responsible for the direction and oversight of the center to assure research is conducted in accordance with federal regulations and university policies and procedures. They are charged to conduct objective research that generates independent, high quality, and reproducible results.

The **Project Management** team manages the milestones and deliverables for the center and projects/studies. They develop processes and templates so the center is working consistently, manage issues and risks, reporting, communication, integration, timelines, and change controls.

The **Administrators** work at the departmental level and coordinate with the PI/Co-PI, department, and central administration personnel to ensure compliance of financial, personnel, and other related aspects of research projects.

The administration **Office of Research and Projects Administration (ORPA)** is legally able to submit proposals to external entities for financial support in the form of a contract, grant, and legally able to commit the University in the event an award is made.
WELCOME NEW RPRC TEAM MEMBERS
New Team Members Have Joined the RPRC Recently

Please welcome...

Executive and Administration

Cindy MacDonald, Clinical Regulatory Manager and Project Nurse, started in September.

Genomics

Christopher Slaunwhite joined Tom Mariani’s Lab in September and is a Lab Tech III working on the DMID 12-0004 Walsh RSV study.

Chin-Yi Chu, Senior Analyst Programmer, started October 1 in Tom Mariani’s Lab. She will perform the analysis of genomics data.

Microbiomics

Jason Myers joined Steve Gill’s team in September and supports the Functional Genomics Center as well as RPRC data.

Brooke Hamilton joined Steve Gill’s lab in July as a Lab Technician and supports Microbiome for the RPRC.

Daisy Bird, Project Analyst, started in August and is supporting the Project Management of the RPRC.
RPRC SEMINAR SERIES
WEDNESDAY, OCTOBER 17th at NOON

Please join us on Wednesday, October 17th for the RPRC Seminar Series. RPRC Co-Director and Professor of Medicine at University of Rochester School of Medicine and Dentistry, Dr. Ann R. Falsey will be kicking the series off with a talk entitled “Bacterial Complications of Respiratory Viral Infections: Overblown or Underestimated?” The seminar will be held in KMRB 3-9654 West at 12:00 PM. Please contact Daisy Bird at Daisy_Bird@urmc.rochester.edu with any questions or suggestions for future speakers.

RPRC WEBSITE – COMING SOON

We are pleased to announce the launching of a website focused on the activities and mission of the RPRC in the near future. The site is currently under development, and will include information on faculty and staff, current project abstracts, recent publications, events and honors, and information for potential collaborators or study volunteers. Please contact Daisy Bird at Daisy_Bird@urmc.rochester.edu with any news items, publications, or photos related to the RPRC to be considered for the website.

RPRC CENTRAL DOCUMENT REPOSITORY AND PROCESS

A RPRC central document repository is being set up and will contain procedures, meeting minutes, project information, as well as center documentation. Stay tuned for news updates.

Standard processes are being developed and will be rolled out as they become available.

Standard template forms with instructions are also in the works to provide consistent communication and documentation.

Suggestions and requests for processes and templates can be sent to Donna Neu at Donna_Neu@urmc.rochester.edu.