

BACKGROUND

- Research is an essential part of the tri-fold academic mission
- Institutions that excel at research attract and retain the best faculty
- Patients want to participate in clinical research that may benefit them or society
- Multiple barriers exist to performing clinical research in clinical space
- Crucial need for multidisciplinary research to address high rates of pregnancy complications

PURPOSE

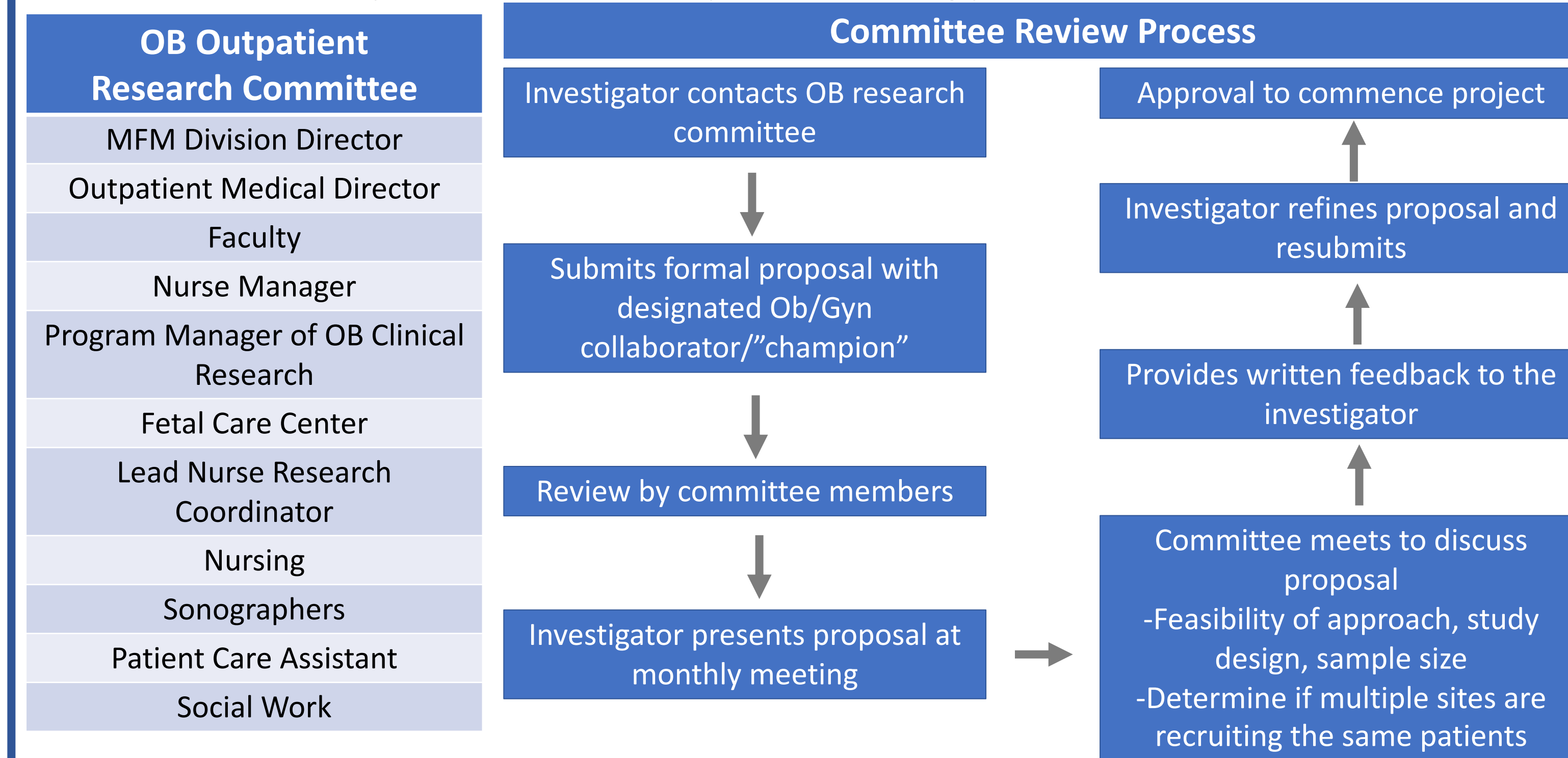
- Facilitate interdisciplinary research initiatives involving pregnant population within the outpatient clinical environment
 - Practical and feasible for patients, clinical staff and investigators
- Enhance the quality of research being performed

METHODS

1. Survey of barriers to performing multidisciplinary research in pregnancy
2. Understand how interdisciplinary research in pregnancy is supported in other Academic medical centers
3. Establish process for review and support of multidisciplinary research in pregnancy with metrics of success

RESULTS/OUTCOMES

- Survey results: Lack of space, disruption of clinical work-flow, waste of time, patients and staff not interested, lack of involvement by OB faculty, low impact of research
- Establishment of OB outpatient research committee (11 members)
- Establishment of Bylaws and committee positions, voting procedures



Research Collaboration with Other Departments		
Dept/School	Title	Funding
Anesthesiology	Sleep disorders, hypertension studies	Internal
Pediatrics/Yale SPH	Efficacy and Safety of RSV Vaccine	Industry
Psychiatry	Perinatal Intervention for Smoking	NIH
Psychiatry	Pregnant Women with Opioid Use Disorder	PCORI
School of Nursing	Physical activity and sedentary behavior and GDM	Internal
Child Study Center	Stress and opioid use following pregnancy	NIH
Yale Institute for Global Health	COVID vaccine uptake	CDC
Adult Endocrinology	Lactation effect on insulin sensitivity and lipolysis	NIH
Pediatric Endocrinology	Glycemic Observation Metabolic Outcomes	NIH
Yale College Ecology & Evolutionary Biology Dept	Environmental stress and birth outcomes	Internal
Medical Genetics	Genomics of recurrent pregnancy loss	NIH
YNHH Bridgeport Hospital	Maternal-Fetal Medicine Units Network	NIH

Tuesday, June 1, 2021

NIH launches study to determine best time for gestational diabetes screening



Principal Investigator for the GO MOMs study at Yale School of Medicine Dr. Uma Reddy and study participant Regina McCabe discuss the continuous glucose monitor that will be used to measure blood glucose during pregnancy.

DISCUSSION/NEXT STEPS

- Follow-up Survey of stakeholders- investigators, clinical staff, hospital leadership, patients
 - Incorporate feedback to continue to enhance support
- Track number of grants, research projects, publications and grant funding yearly
- Present work at "OBGYN Research in Progress" meetings
- Expectation to provide annual progress to Research Committee

CONCLUSIONS/IMPACT

- Great interest across University for multidisciplinary projects
- Increase in number of multidisciplinary projects from 0 to 11
- Enhanced satisfaction, engagement and support of OB clinical staff/faculty of research
- Next steps to collaborate with basic and translational researchers
- Expand to outpatient sites across YNHH system sister hospitals