

# Obesity



**Kelley McLean, M.D.** *Assistant Professor*

Dr. McLean's primary research interest is in coagulation parameters in pregnancy, with particular emphasis on thrombotic risk. She is currently involved in collaborative studies to better understand thrombotic risk in specific subsets of pregnant women (obese women, smokers, etc.). She hopes to expand her research to include studies of the fibrinolytic pathway, as well as more detailed biochemical studies of coagulation pathways, to better understand pregnancy and postpartum-related hematologic changes.



**Stephanie Mann, M.D.** *Associate Professor, Residency Program Director*

Dr. Mann's past research has focused on fetal physiology with a specific emphasis on molecular mechanisms of amniotic fluid regulation. Dr. Mann's research at UVM is targeted toward understanding how perivascular adipose tissue impacts vascular contractility during pregnancy, with a specific emphasis on understanding how obesity impacts vascular function in pregnancy. Dr. Mann's clinical interests include medical complications of pregnancy, clinical obstetrics, and in utero treatment of fetal anomalies. Dr. Mann is also interested in teaching innovations: embryology, clinical reasoning assessment, and the science of health care quality improvement



**Julie Phillips, M.D.** *Assistant Professor*

Dr. Phillips' primary research interest is obesity and pregnancy, with particular emphasis on gestational weight gain, pregnancy complications related to obesity, and postpartum weight retention. She is involved in the Vermont Center on Behavior and Health as the project director of an antenatal intervention to minimize gestational weight gain. She is also involved in collaborative projects examining inflammatory and thrombotic markers in obese pregnant women, smoking cessation in pregnant women, and interactions between smoking/opiate dependence and maternal weight during pregnancy.