

**Meeting Highlights**

**Pregnancy Predictors of Health**

University of Iowa Obstetrics and Gynecology Postgraduate Virtual Conference  
November 5, 2021

**Poster Presentations**

**Acceptability of mHealth Blood Pressure Monitoring in Pregnant Women.** Madeleine R. Hodgson,<sup>1</sup> Maria Werner Anderson,<sup>2</sup> Lara I. Baker,<sup>1</sup> Elizabeth M. Boldt,<sup>1</sup> Hanaka K. van Herik,<sup>1</sup> Isabella M. Nibaur,<sup>2</sup> Ajla Rahmanovic,<sup>1</sup> Michelle A. Moss,<sup>3</sup> Chloe M. Eaton,<sup>2</sup> April B. Prunty,<sup>2</sup> Stephanie Gilbertson-White,<sup>4</sup> Ashlyn S. Mulcahey,<sup>1</sup> Amy N. Sanborn,<sup>2</sup> Joseph C. Spring,<sup>5</sup> Heather A. Davis,<sup>5</sup> Mark K. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Aspirin Reduces Triglycerides in Both Preeclamptic and Non-Preeclamptic Pregnancies.** Tarynne E. Kinghorn,<sup>6</sup> Donna A. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Ashlyn S. Mulcahey,<sup>1</sup> Emily S. Leibold,<sup>1</sup> Monica C. Myers,<sup>1</sup> Wendy S. Hamilton,<sup>1</sup> Mark K. Santillan<sup>1</sup>

**Aspirin Reverses Placental Gene Expression Changes Associated with Preeclampsia.** Donna A. Santillan,<sup>1</sup> Eric J. Devor,<sup>1</sup> Brandon J. Cooley,<sup>1</sup> Sydney H. Pearl,<sup>1</sup> Mark K. Santillan<sup>1</sup>

**Blood Pressure Measurements in Pregnant Women Comparing the American Heart Association Guidelines to Inpatient Clinical Measurement.** Grace E. Drinane,<sup>1</sup>

Alexandra E. Karras,<sup>1</sup> Madeline E. Holm,<sup>1</sup> Daniel M. Zagoren,<sup>2</sup> Monica C. Myers,<sup>1</sup> Sydney H. Pearl,<sup>1</sup> Madeleine R. Hodgson,<sup>1</sup> Maria Werner Anderson,<sup>2</sup> Lara I. Baker,<sup>1</sup> Elizabeth M. Boldt,<sup>1</sup> Hanaka K. van Herik,<sup>1</sup> Isabella M. Nibaur,<sup>2</sup> Ajla Rahmanovic,<sup>1</sup> Michelle A. Moss,<sup>3</sup> Chloe M. Eaton,<sup>2</sup> April B. Prunty,<sup>2</sup> Stephanie Gilbertson-White,<sup>4</sup> Amy N. Sanborn,<sup>2</sup> Ashlyn S. Mulcahey,<sup>1</sup> Joseph C. Spring,<sup>5</sup> Heather A. Davis,<sup>5</sup> Mark K. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Comparing AHA gold standard blood pressure measurement in pregnant women to electronic home monitoring and clinical measurement.** Madeline E. Holm,<sup>1</sup> Alexandra E. Karras,<sup>1</sup> Daniel M. Zagoren,<sup>2</sup> Monica C. Myers,<sup>1</sup> Sydney Pearl,<sup>1</sup> Madeleine R. Hodgson,<sup>1</sup> Grace E. Drinane,<sup>1</sup> Maria Werner Anderson,<sup>2</sup> Lara I. Baker,<sup>1</sup> Elizabeth M. Boldt,<sup>1</sup> Hanaka K. van Herik,<sup>1</sup> Isabella M. Nibaur,<sup>2</sup> Ajla Rahmanovic,<sup>1</sup> Michelle A. Moss,<sup>3</sup> Chloe M. Eaton,<sup>2</sup> April B. Prunty,<sup>2</sup> Stephanie Gilbertson-White,<sup>4</sup> Amy N. Sanborn,<sup>2</sup> Ashlyn S. Mulcahey,<sup>1</sup> Joseph C. Spring,<sup>5</sup> Heather A. Davis,<sup>5</sup> Mark K. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Comparison of infection rates post**

**cesarean section of Prevena® negative pressure and standard sterile dressings in obese women.** Alexandra J. Sharp,<sup>6</sup> Elijah C. Reische,<sup>6</sup> Surbhi C. Jain,<sup>1</sup> Loreen A. Herwaldt,<sup>7</sup> Abbey J. Hardy-Fairbanks,<sup>1</sup> Colleen K. Stockdale<sup>1</sup>

**Determining Whether Aberrant Vasopressin Concentrations Persist Postpartum.** Meghan L. Funk,<sup>8</sup> Donna A. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Amy M. Stroud,<sup>3</sup> Virginia R. Nuckols,<sup>9</sup> Gary L. Pierce,<sup>9</sup> Mark K. Santillan<sup>1</sup>

**Examining the Association Between Preterm Birth and Geographic Disparities in the MFM Physician Workforce.** Andrea L. Greiner,<sup>1</sup> Sina Haeri,<sup>10</sup> Ann Davis,<sup>11</sup> Nichole Nidey<sup>12</sup>

**Look Before you LEEP: Patient Reported Pain with IV Sedation vs Local Analgesia.** Allison J. Frahm,<sup>2</sup> Abbey J. Hardy-Fairbanks,<sup>1</sup> Colleen K. Stockdale<sup>1</sup>

**Mechanisms of COVID-9 Related Poor Pregnancy Outcomes.** Sydney H. Pearl,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Wendy S. Hamilton,<sup>1</sup> Emily S. Leibold,<sup>1</sup> Ashlyn S. Mulcahey,<sup>1</sup> Monica C. Myers,<sup>1</sup> Mark K. Santillan,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Pregnancy Complication on the Morbidly Obese.** Catalina Mulanax,<sup>6</sup> Mark K. Santillan,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Prolapse, Pelvic Pain, and Pelvic Floor Muscle Dysfunction.** Anuradha M. Gore,<sup>6</sup> Kimberly A. Kenne,<sup>1</sup> Joseph T. Kowalski,<sup>1</sup> Catherine S. Bradley<sup>1</sup>

**Experiences and Depression in Preeclampsia.** Monica C. Myers,<sup>1</sup> Mark K. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Amy M. Stroud,<sup>3</sup> Julie A. Vignato,<sup>2</sup> Sabrina M. Scroggins,<sup>1</sup> Virginia R. Nuckols,<sup>9</sup> Gary L. Pierce,<sup>9</sup> Donna A. Santillan,<sup>1</sup> Department of Obstetrics & Gynecology,<sup>1</sup> Department of Psychiatry,<sup>3</sup> College of Nursing,<sup>2</sup> Department of Health and Human Physiology<sup>9</sup>

**Skin-to-Skin Contact and Breastfeeding after Cesarean Birth at UIHC, Before and During the COVID-9 Pandemic.** Sarah E. Costello,<sup>6</sup> Alyssa A. Shelby,<sup>2</sup> Donna A. Santillan,<sup>1</sup> Noelle C. Bowdler<sup>1</sup>

**The Effect of the PICO Negative-Pressure Dressing on Cesarean Section Infection Rates in Obese Women.** Elijah C. Reische,<sup>6</sup> Alexandra J. Sharp,<sup>6</sup> Surbhi C. Jain,<sup>1</sup> Loreen A. Herwaldt,<sup>7</sup> Colleen K. Stockdale,<sup>1</sup> Abbey J. Hardy-Fairbanks<sup>1</sup>

**The Impact of COVID-9 on Pregnant Women.** Ajla Rahmanovic,<sup>1</sup> April B. Prunty,<sup>2</sup> Alexandra E. Karras,<sup>1</sup> Madeline R. Hodgson,<sup>1</sup> Monica C. Myers,<sup>1</sup> Sydney H. Pearl,<sup>1</sup> Madeline E. Holm,<sup>1</sup> Isabella M. Nibaur,<sup>2</sup> Elizabeth M. Boldt,<sup>1</sup> Grace E. Drinane,<sup>1</sup> Lara I. Baker,<sup>1</sup> Hanaka K. van Herik,<sup>1</sup> Daniel M. Zagoren,<sup>2</sup> Michelle A. Moss,<sup>3</sup> Chloe M. Eaton,<sup>2</sup> Stephanie Gilbertson-White,<sup>4</sup> Amy N. Sanborn,<sup>2</sup> Joseph C. Spring,<sup>5</sup> Heather A. Davis,<sup>5</sup> Mark K. Santillan,<sup>1</sup> Debra S. Brandt,<sup>1</sup> Donna A. Santillan<sup>1</sup>

**Role for Adverse Childhood**

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