

# Indiana University Project STEM 2015

<b>Student/Project</b>	<b>Preceptor(s)</b>	<b>Other Mentors</b>
<b>Claire Burdette</b> <i>Bloomington North H.S.</i> <i>Incoming IU freshman</i> <b>The Impact of Nutrition on Brain Structure</b>	<b>Sharlene Newman, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Derek Kellar</b> <b>Bradley Caron</b>
<b>Marcus Byrd</b> <i>Bloomington High School South</i> <i>Incoming Purdue freshman</i> <b>Does word orientation affect word processing: an ERP study</b>	<b>Sharlene Newman, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Isaiah Innis</b>
<b>Sajnee Desai</b> <i>Bloomington High School South '16</i> <b>Ecological Validity of Learning Contexts</b>	<b>Chen Yu, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Steven Elmlinger</b>
<b>Sidrah Din</b> <i>Bloomington South H.S.</i> <i>Incoming Rose Hulman freshman</i> <b>Examining the Effects of Stimulus-Response Uncertainty on a Reaching Task</b>	<b>James Townsend, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Mohammad Abdolvahab</b>
<b>Alekhya Koppineni</b> <i>Bloomington High School South '16</i> <b>Longitudinal study of infant's use of social cues for word learning</b>	<b>Linda Smith, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Charlotte Wozniak</b>
<b>Abi Ghiridharan</b> <i>Center Grove H.S. '17</i> <b>Voxel Based Morphometry Study of Grey Matter Volume Reductions Linked to Major Depressive Disorder</b>	<b>Sharlene Newman, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Derek Kellar</b> <b>Bradley Caron</b>
<b>Corina Greiner</b> <i>Brown County High School '16</i> <b>The Role of Friendship Networks and Motivational Goals in Interracial Interactions</b>	<b>Mary Murphy, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Elise Ozier</b> <b>Katie M. Kroeper</b>
<b>Zac Hunsucker</b> <i>Incoming IU freshman</i> <b>Using Temporal Analyses to Study Avian Sociology</b>	<b>Meredith West</b> <i>Psychological and Brain Sciences</i>	<b>Gregory Kohn</b> <b>Matthew Harangody</b>
<b>Shreya Hurlli</b> <i>Columbus H.S. North '17</i> <b>The effect of block play on arithmetic performance in second graders</b>	<b>Sharlene Newman, Ph.D.</b> <i>Psychological and Brain Sciences</i>	<b>Arianna Gutierrez</b> <b>Mitchell Hansen</b>

**Denis Joseph**

*Bloomington High School South '16*

**Recognizing General Recognition Theory and General Recognition Theory among Response Times as a Way to Analyze Perceptual Independence Using Auditory Stimuli**

**Davis Joseph**

*Bloomington High School South '16*

**Expression, Purification, Characterization, and Assembly of ssDps**

**Morgan Newman**

*Bloomington High School North*

*Incoming Vanderbilt freshman*

**Differential Implicit Biases Towards Black Women Across Gender and Race**

**Seth Sears**

*Edgewood High School*

*Incoming IUPUI Freshman*

**Consequences of Naloxone-induced Opiate Withdrawal in Rats**

**Nikhil Shah**

*Bloomington High School North*

*Incoming IU freshman*

**The relationship between MRS measured NAA and grey matter volume: a study of cannabis Users**

**Sierra Shelton**

*Brenham HS, TX*

**Gross Motor Skills & their Effect on Movement**

**Mac Vogelsang**

*Bloomington High School North*

*Incoming IU freshman*

**The Holistic Processing of Fingerprints**

**Jie-En Wu**

*Bloomington High School North '16*

**In one nostril and not out the other: The role of recency and memory load in olfactory working memory**

**James Townsend**

*Psychological and Brain Sciences*

**Trevor Douglas**

*Chemistry*

**Maresa Murray, Ph.D.**

*Applied Health Sciences*

**Andrea Hohmann**

*Psychological and Brain Sciences*

**Sharlene Newman, Ph.D.**

*Psychological and Brain Sciences*

**Linda Smith, Ph.D.**

*Psychological and Brain Sciences*

**Thomas Busey, Ph.D.**

*Psychological and Brain Sciences*

**Jonathon Crystal**

*Psychological and Brain Sciences*

**Yanjun Liu**

**Paul C. Jordan**

**Sharlene Newman**

**Lawrence Carey  
Richard Slivicki,**

**Joshua Williams**

**Ariel La  
Swapnaa Jayaraman**

**Joshua Cain  
Alexandra E. Smith**