

**Oklahoma/Kansas Judgment and Decision Making Group Workshop**  
**Saturday, April 23, 2016, 9:00 am to 4:30 pm**  
**Session Schedule**

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
<b>9:00-9:15</b>	Opening Remarks and Introductions	Larry Bailey, Gary Brase, Ed Cokely, Rob Hamm
<b>9:20-9:40</b>	Cognitive Biases in Air Traffic Control.	Darendia McCauley and Larry Bailey. Civil Aerospace Medical Institute, FAA
<b>9:45-10:05</b>	Trimodal Latencies in Waiting for Better Outcomes.	Michael Young, Anthony McCoy, and Lisa Vangsness, Department of Psychological Sciences, Kansas State University
<b>10:10-10:30</b>	Getting into a Groove: Engaging in a Difficult Task Encourages Perseverance.	Lisa Vangsness, Department of Psychological Sciences, Kansas State University
<b>10:30-10:45</b>	Break	
<b>10:45-11:05</b>	Smaller Crowds Outperform Larger Crowds and Individuals in Realistic Task Conditions.	Mirta Galesic, Santa Fe Institute.
<b>11:10-11:30</b>	A New Small Crowd Selection Method.	Henrik Olsson, Santa Fe Institute
<b>11:30-11:50</b>	The Pictures and the Processes Involved in Bayesian Reasoning.	Gary Brase, Department of Psychological Sciences, Kansas State University
<b>11:50-12:50</b>	Lunch and Posters <ul style="list-style-type: none"> <li>• Weather Risk Literacy. Jinan Allan, Joseph Ripberger, Vincent Ybarra, Edward T. Cokely. Psychology Department, OU Norman.</li> <li>• A Test of the Relative Judgment Theory: A Dual Process Explanation. Daniel Markman, Psychology Department, OU Norman</li> <li>• Concussion Testing and Punishment: The Risk of Unintentional Sandbagging. Vincent Ybarra. Psychology Department, OU Norman</li> </ul>	
<b>12:50-1:10</b>	Decision Making Heuristics in Law Enforcement Use-of-Force Situations.	Joel Suss, Department of Psychology, Wichita State University
<b>1:15-1:35</b>	An Exploration of Showups and Lineups in Eyewitness Identification.	Kylie Key, Department of Psychology, OU Norman
<b>1:35-1:55</b>	Evidence of Continuous Mediation in Facial Recognition: Implications for Theories of Eyewitness Identification.	Ryan M. McAdoo, Scott D. Gronlund, Department of Psychology, OU Norman
<b>1:55-2:10</b>	Break	
<b>2:10-2:30</b>	Does Setting a Threshold on the Strength of Evidence Lead to Double Counting of Base Rate?	Robert M. Hamm. Department of Family and Preventive Medicine, OUHSC
<b>2:35-2:55</b>	A Theoretical Framework Describing How Medical Students Develop Knowledge-Based Diagnostic Constructs.	Frank J. Papa. University of North Texas Health Science Center
<b>3:00-3:20</b>	Numeracy Predicts Risk of Pre-Hospital Decision Delay: A Retrospective Study of Acute Coronary Syndrome Survival.	Ed Cokely with Dafina Petrova, Rocio Garcia-Retamero, Andrés Catena, Ana Heredia Carrasco, Antonio Arrebola Moreno, and José Antonio Ramírez Hernández. National Institute for Risk & Resilience, and Department of Psychology, OU Norman
<b>3:20-3:35</b>	Break	
<b>3:35-4:25</b>	Decision Psychology in Policy: A Panel Discussion of Risks, Rewards, and Behavioral Insights.	Mirta Galesic, Robert M. Hamm, Larry Bailey, Ed Cokely, and Gary Brase
<b>4:30-4:50</b>	Closing Discussion, Plans for the Future	All

## Panel Discussion

### Decision Psychology in Policy: A Panel Discussion of Risks, Rewards, and Behavioral Insights

Research on human judgment and decision making has become one of behavioral science's leading intellectual exports, reflecting a growing emphasis on research that promotes "health, wealth, and happiness". Many countries, including the United States, have recently begun to formally encourage and support the use of decision psychology to promote the greater good (e.g., White House Executive Order -- Using Behavioral Science Insights to Better Serve the American People). Many of these efforts have, for example, utilized simple differences in the design of affordances like setting default options in a decision environment (i.e., choice architecture) to achieve increased retirement savings, generate more tax revenue, and reduce risks of prescription medicine errors (e.g., save more tomorrow plans, social norms for tax revenue, and simple prescription forms). Nevertheless, there are many questions about the roles, ethics, practicality, and novelty of the recent behavioral insights revolution, including:

- How should we evaluate the relative merits of a choice architecture policy?
- When is it ethical to trick people into making good decisions?
- How is this different from engineering or human factors psychology and usability research?
- When does "official" support translate into actual financial or research support?

To explore emerging perspectives, opportunities, and trends we'll hold an informal panel roundtable discussion beginning with a brief 5 minute perspective statement by each panelist, followed by an interactive free-form discussion that everyone is invited to join. Some effort will be made to specifically explore practical implications for judgment and decision making researchers here in the Southern Midwest. Panelists include:

Larry Bailey [Behavioral Insights and Federal Agencies]  
Rob Hamm [Behavioral Insights for Patient Care]  
Gary Brase [Behavioral Insights from Basic Theory]  
Mirta Galesic [Behavioral Insights at a Think Tank]  
Edward Cokely [Behavioral Insights vs. Informed Decision Making, & Panel Chair]

Before the meeting (or after), attendees may wish to read or watch some of these resources:

President Obama issued an executive order that the "Federal Government should design its policies and programs to reflect our best understanding of how people engage with, participate in, use, and respond to those policies and programs." <https://www.whitehouse.gov/the-press-office/2015/09/15/executive-order-using-behavioral-science-insights-better-serve-american>

David Yokum has described his participation with the White House's "Social and Behavioral Sciences Team".

<http://www.psychologicalscience.org/index.php/publications/observer/2016/april-16/psychology-open-science-and-government-the-opportunity.html>.

Each of us may be interested in registering our interests and skills so that, per chance, we may be called on to help the Social and Behavioral Science Team with one of these projects <https://sbst.gov/connect/>.

Richard Thaler on nudges. [https://www.youtube.com/watch?v=p9IPBqvN\\_u4](https://www.youtube.com/watch?v=p9IPBqvN_u4)

Gerd Gigerenzer on libertarian paternalism. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4512281/>

Cass Sunstein [https://dash.harvard.edu/bitstream/handle/1/13031653/annualreview9\\_15.pdf?sequence=1](https://dash.harvard.edu/bitstream/handle/1/13031653/annualreview9_15.pdf?sequence=1)

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