

## IBIS Annual Meeting

### October 2022

### Agenda

Welcome to the 2022 IBIS Annual meeting. In past years, when this meeting has been in-person, we have included much time for discussion and small workgroups. Because we have shifted to a remote meeting, and Zoom meetings are not conducive to these activities, this year we are primarily focusing our time on data talks and start up of the ACE-adolescence grant and other projects. We will continue to set aside time on our regular Large Group calls for ongoing discussions.

We would also like to welcome our guests/outside presenters:

Karen Berman, NIMH Chief Clinical and Translational Neuroscience Branch

Susan Bookheimer, Joaquin Fuster Professor of Cognitive Neuroscience, Psychiatry and Biobehavioral Sciences, UCLA

Lisa Gilotty, NIMH Program Officer

Alice Kau, NIMH Program Officer

Shau-Ming Wei, NIMH Staff Scientist, Behavioral Endocrinology Branch

Peter Schmidt, NIMH Branch Chief, Behavioral Endocrinology Branch

Jeremy Veenstra-VanderWeele, Suzanne Crosby Murphy Professor of Developmental Neuropsychiatry and Director, Division of Child and Adolescent Psychiatry, Columbia, University

### Monday, October 24

### Morning Session

### 10:00-1:06 (ET)

**10:00-10:05 Welcome - Joe Piven)**

#### **New Data and Projects on IBIS Down Syndrome**

10:05-10:50	Becca Grzadzinski, Kelly Botteron, Heather Hazlett, Dea Garic, Martin Styner & Natasha Marrus	45 min
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#### **Update on Funded Projects Complementary to IBIS Parent Grants**

10:51-11:06	Sleep grant	Annette Estes	15min
11:07-11:17	IPSC Studies	Jason Stein	10min
11:18-11:28	LENA Grant	Meghan Swanson	10min
11:30-11:40	Synchrony Grant	Whitney Guthrie	10 min

<b>11:41-11:56</b>	<b>BREAK (15m)</b>		
11:56-12:06	Barriers to Black Families in IBIS Grant	Kelly Caravello	10min
12:07-12:22	CSF studies	Mark Shen	15min
12:23-12:33	Sensory Responsiveness & Repetitive Behaviors Grant	Jason Wolff	10min
12:34-12:44	Translational Studies of Arousal	Becca Grzadzinski & Jose Rodriguez-Romaguera	10min
12:45-12:55	IBIS as a Study of Families	Jessica Girault	10min
12:56-1:06	Ethical Social (ELSI) Studies of Autism	Kate MacDuffie	10min

**Monday, October 24**  
**Afternoon Session**  
**2:00-5:00 (et)**

**Launching the IBIS-Adolescent grant**

2:00-2:15	Brief Overview of IBIS-ADOL Aims	Joe Piven & Casey Burrows	15min
2:16-2:46	Endocrine & Neurobiological Events in Puberty	Peter Schmidt & Karen Berman & Shau-Ming Wei	30min

**IBIS-Adolescent Start up**

2:47-3:02	Data Coordinating Center	Leigh MacIntyre	15min
3:03-3:48	Behavior Core	Annette Estes & Tanya St John	45min

**3:49-4:05 BREAK (15m)**

4:05-4:30	Imaging Core	Mark Shen Jed Elison Bob McKinstry Martin Styner John Pruett	25min
4:31-4:41	Diversity, Equity,	Steve Dager	10min

## Inclusion Working Group

### **Data Blitz** (5m talk + 3m Discussion)

4:42-50	fcMRI Studies	Dylan Stahl, Wash U
4:51-4:59	Language Development	Shruthi Ravi, UT Dallas

**Tuesday, October 25**

**Afternoon Session**

**1:00-4:07 (et)**

### **Adolescent Reference Databases for Brain Imaging, to Shed Light on Diversity in the IBIS Sample**

1:00-1:30	ABCD Study summary	Susan Bookheimer	30min
1:31-1:41	John Gilmore/UNC study	Jessica Girault	10min

### **New IBIS Analyses**

1:42-1:52	Perivascular Space	Dea Garic
1:53-2:03	Social Motivation	Natasha Marrus
2:04-2:14	fcMRI	John Pruett
2:15-2:25	Sex Differences	Casey Burrows
2:26-2:36	Amygdala/Anxiety	Casey Burrows/Carolyn Lasch
2:37-2:47	Executive Function	Tanya St John

### **2:48-3:03 Break (15m)**

3:03-3:23	Girault Lab Studies	Jessica Girault
3:24-3:34	Measurement Invariance	Jed Elison
3:35-3:45	Sensory/Repetitive Beh.	Jason Wolff
3:46-3:56	CBCL	Meghan Swanson
3:57-4:07	Long. Volume/Cort. Features	Heather Hazlett/Josh Rutsohn