Speakers

Lauren Atlas, Ph.D.

Chief, Section on Affective Neuroscience and Pain NIH/NCCIH

Bethesda, MD

M. Catherine Bushnell, Ph.D.

Senior Investigator, Pain and Integrative Neuroscience Branch

NIH/NCCIH

Bethesda, MD

Luana Colloca, M.D., Ph.D.

Associate Professor, Pain and Translation Symptom Science

University of Maryland, Baltimore

Baltimore, MD

Cameron Craddock, Ph.D.

Director of Imaging Child Mind Institute New York, NY

Patrick Finan, Ph.D.

Assistant Professor, Psychiatry and

Behavioral Sciences

Johns Hopkins University Baltimore, MD

Martin Lindquist, Ph.D.

Professor, Department of Biostatistics Johns Hopkins University Baltimore, MD

Raimi Quiton, Ph.D.

Assistant Professor, Department of Psychology University of Maryland, Baltimore County

Baltimore, MD

Ben Seymour, Ph.D.

Clinical Research Associate, Behavioural and Clinical Neuroscience Institute University of Cambridge Cambridge, UK

Alex Shackman, Ph.D.

Assistant Professor, Department of Psychology University of Maryland, College Park College Park, MD

Ragini Verma, Ph.D.

Associate Professor, Center for Biomedical Image Computing and Analytics University of Pennsylvania

Philadelphia, PA

Tor Wager, Ph.D.

Boulder, CO

Director, Cognitive and Affective Control Laboratory University of Colorado, Boulder

General Information

Registration

Please arrive before 9:00 AM to pick up your folder at the registration desk

outside Room 140, School of Nursing.

Complimentary lunch is provided with registration.

Organizing Committee

David Seminowicz, Ph.D., Joel Greenspan, Ph.D., Rao Gullapalli, Ph.D., Chandler Sours, Ph.D., Brigitte Pocta, M.L.A., Shiyu Tang, B.S.

Maryland

Neuroimaging Retreat

Pain Neuroimaging -Advances & Controversies



April 14, 2017

8:30 AM-5:00 PM

University of Maryland, Baltimore School of Nursing Room 140

		Agellua
	8:30-9:00	Registration and Breakfast
	9:00-9:05	Opening Remarks
Panel 1: Neuroimaging Advances in Pain and Beyond		
	9:05-9:20	Lauren Atlas, Ph.D., NIH/NCCIH How Instructions and Expectations Shape Pain and Aversive Learning
	9:25-9:40	Cameron Craddock, Ph.D., Child Mind Institute Tracking Dynamic Networks in Real Time
	9:45-10:00	Martin Lindquist, Ph.D., JHU High-dimensional Multivariate Mediation with Application to Pain
	10:05-10:35	Panel 1 Discussion
	10:40-11:00	Coffee Break
Panel 2: Clinical Decision Making through Neuroimaging		
	11:05-11:20	Ragini Verma, Ph.D., UPenn On Connectomes of Sex, Development and Pathology
	11:25-11:40	Alex Shackman, Ph.D., UMD The Integration of Emotion, Pain, and Cognition in the Brain
	11:45-12:00	Patrick Finan, Ph.D., JHU fMRI as a Tool to Understand Interactions between Sleep, Emotions, and Pain
	12:00-12:15	M. Catherine Bushnell, Ph.D., NIH/NCCIH Rodent PET to Examine the Effect of Chronic Pain on the Brain Opioid System
	12:15-12:45	Panel 2 Discussion
	12:45-2:00	Lunch

Agenda

Agenda (continued)

Panel 3: The "Pain Matrix"

2:00-2:15 Ben Seymour, Ph.D., UC *The Computational Pain Matrix*

2:20-2:35 Raimi Quiton, Ph.D., UMBC
Individual Differences in Brain Responses to
Pain: Contribution of Sociocultural Factors

2:40-3:05 Luana Colloca, M.D., Ph.D., UMB
Pain and Placebo

3:10-3:30 Coffee Break

3:35-3:55 Tor Wager, Ph.D., CU

Pain Generation: Neuroimaging Models and

Open Challenges

4:00-4:45 Panel 3 Discussion

4:50-4:55 Closing Remarks

5:00-6:00 Networking Reception (Frank & Nic's West End Grille)

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