

## Manchester Vision Network Friday 10th July 2020

9.30-9.45	INTRO/WELCOME		
9.45-10.30	Annette Allen	Keynote	Form vision from melanopsin in humans
10.30-10.45	Research Award Presentation		
10.45 -11.00	Oral	Marina Gardasevic	BrighterTime – a smartphone app to determine the effects of ambient lighting on human performance
11.00-11.15	Oral	Paul Warren	Visual decision-making under risk: Robustness to outcome valence?
11.15-11.30	Oral	Ian Murray	Anomalous pupillary responses to M-cone onsets are linked to LM ratio
11.30-11.45	Oral	Jasna Martinovic	Emergence of crowding: the role of contrast and orientation salience
11.45-12.00	Oral	Jasleen Jolly	Inner retinal thickening affects microperimetry thresholds in the presence of photoreceptor thinning in patients with <i>RPGR</i> X-linked retinitis pigmentosa
12.00-12.10	Poster	Qing Wen	Assessing the accuracy of a cataract incidence calculator using Liwan Data
12.10-12.20	Poster	David Green	Gene expression variability is associated with incomplete penetrance in inherited eye disorders
12.20-12.30	Poster	Victoria Rimmer	Lysozyme and lactoferrin modulate virulence in keratitis-causing <i>Pseudomonas aeruginosa</i>
LUNCH BREAK			
13.15 - 14.00	Paul McGraw	Keynote	Changes in visual sensitivity during fixation
14.00-14.10	Poster	Zeinab Tirandaz	The problem of shadows: real-world scene matching by merging superpixels
14.10-14.20	Poster	Ben Hamblin-Pyke	Differences in Perception of Emotion from Dynamic and Static Faces – Testing a Novel Methodology
14.20-14.30	Poster	Daniel Poole	Visual and auditory timing in autistic adults
14.30-14.40	Poster	Lucy Evans	Does the radial speed bias depend on eccentricity?
14.40-14.55	Oral	Phillip Wright	Rhodopsin and altered rhodopsin constructs as a bipolar cell targeted optogenetic therapy
14.55-15.10	Oral	Beatriz Bano-Otalora	Daytime light enhances the amplitude of circadian output in a diurnal mammal
15.10-15.25	Oral	Jess Rodgers	Using a bistable animal opsin for switchable and scalable optogenetic inhibition of neurons
15.25-15.40	Oral	Riccardo Storch	A high dimensional quantification of the mouse defensive behaviours reveals enhanced diversity and stimulus specificity
15.45 - 15.50	Award of presentation prizes		