**Introduction**

Life is filled with patterns, regularities that occur not only in space but also in time. The orange tinge of the leaves on an oak tells us it’s time to put away our summer shorts and begin dusting off our fall jackets. There may be a few warm days sprinkled throughout autumn, but we know from our past experience that this year’s beach-going days are over.

* These types of regularities are common and fill human experience
* Ignoring the random perturbances that may occur proffers benefit in the long run
  + This may be the basis for routine
* Learning to learn yields efficiencies (Harlow 1949)
* Our brains have evolved to pick up patterns from the environment and use implicitly acquired knowledge in our decision-making (Jimenez et al. 2006, Collins et al. 2014)
* Statistical regularities attract attention when they are relevant to the task (Alamia & Zénon 2016)

**Conclusion**

* Potential links to ADHD (unable to ignore signals, too reactive to the momentaneous stimulus)