

Neurogenomics

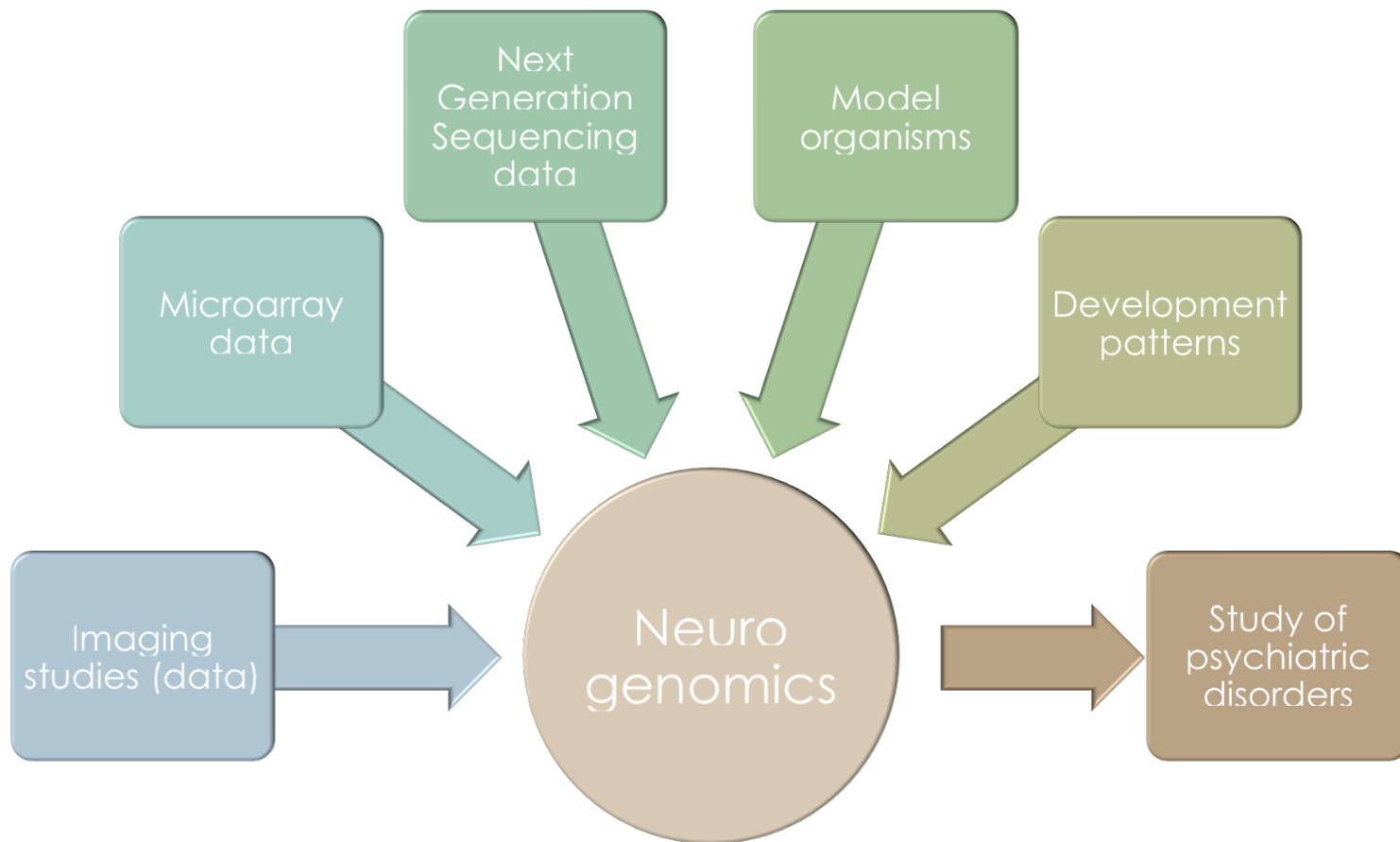
An exercise in writing out an entire field of research on *Wikipedia*

By **Shamsuddin A. Bhuiyan & Jasleen Grewal**

Motivation

- ▣ Neurogenomics
 - ▣ Is ***part of*** neuroscience
 - ▣ Is ***one of the main areas of focus of*** neuroinformatics
 - ▣ Is ***not*** neurogenetics
 - ▣ Is ????

What *is* Neurogenomics?



Houston, we are live

[https://en.wikipedia.org/wiki/
Neurogenomics](https://en.wikipedia.org/wiki/Neurogenomics)

How much did we write?

Classification	Word Count
Novel	> 40,000 words
Novella	17,500 – 40,000 words
Novelette	7,500 – 17,500 words
Short story	< 7,500 words

https://en.wikipedia.org/wiki/Word_count

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Sub-topics left to be discussed

- ▣ Controversies in neurogenomics research
 - ▣ Causes of autism
 - ▣ Genomics based diagnosis of psychiatric disorders
- ▣ Relationship between genotypes and spectrum disorders
- ▣ Patterns of inheritance
 - ▣ already covered under neurogenetics
- ▣ Additional focus on non-psychiatric disorders and diseases
 - ▣ Ex. GBM
- ▣ More Wikipedia pages

Learning outcomes

- ▣ Neurogenomics is a **vast** field
 - ▣ Translation of personal genomics into psychiatric disorders istricky
 - ▣ Wikipedia has lots of grammar Nazis – bots and humans
 - ▣ Wikipedia articles are well policed
 - ▣ Ergo, Wikipedia is an authentic source of information
 - ▣ Writing scientific reviews is not easy
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Q/A?

