

# **Examining Anxiety Sensitivity, Metacognitions, and Anxiety Symptoms**



Kevin Styba-Nelson, Department of Psychology Supervisor: Dr. Alexander M. Penney

# Introduction

#### Generalized Anxiety Disorder (GAD)

Chronic and distressing worry across multiple areas of life

#### **Anxiety Sensitivity (AS)**

The fear of experiencing anxiety and its consequences

#### Negative Beliefs About Worry (NBW)

Beliefs that worry is dangerous and uncontrollable

#### Positive Beliefs About Worry (PBW)

Beliefs that worry is a beneficial trait and useful for problem solving

### Hypothesis

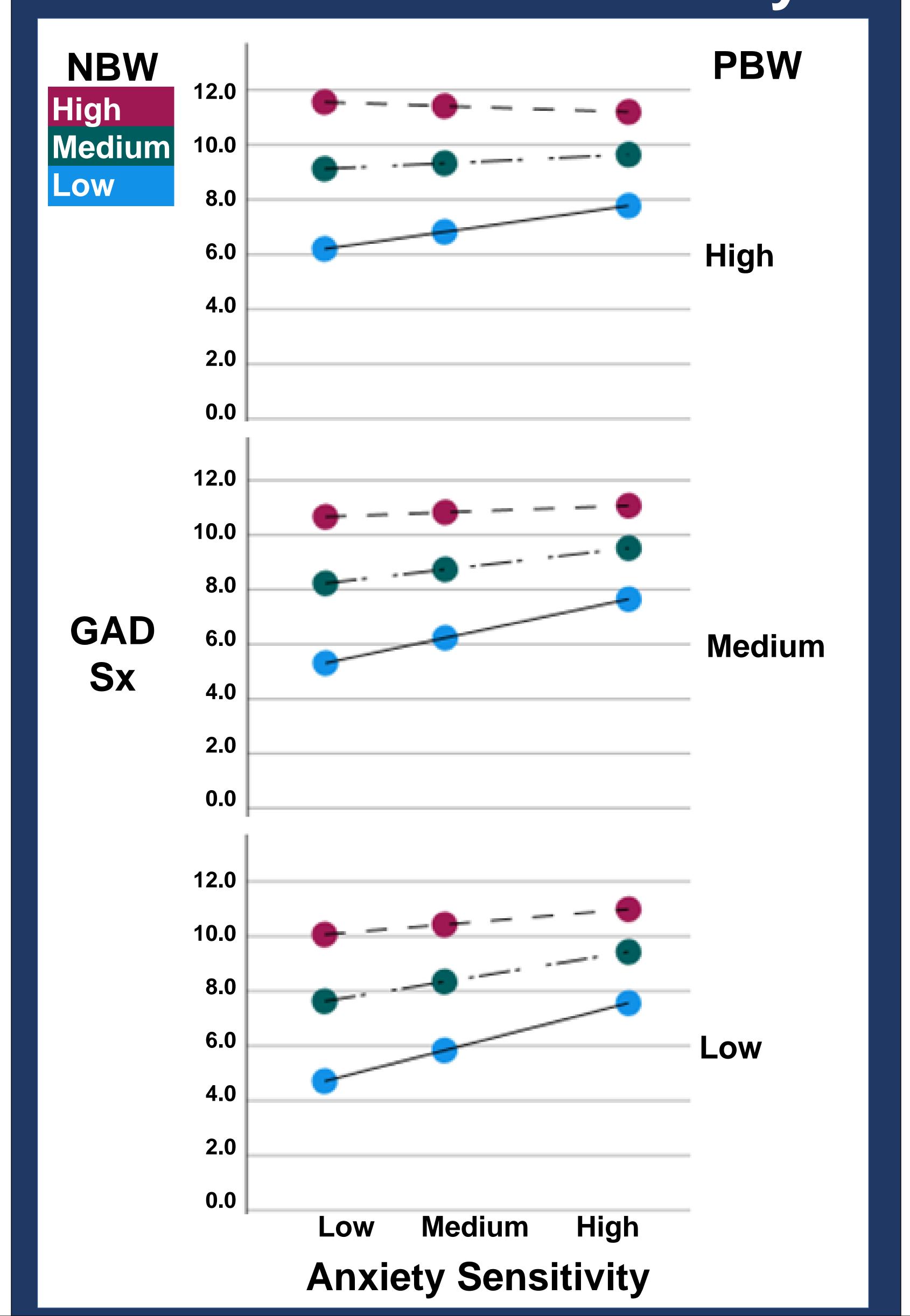
- NBW will moderate the relationship between AS and GAD
  - Meaning that, as NBW increases, the relationship between AS and GAD will become stronger

# Method

#### 573 MacEwan students surveyed on:

- Generalized anxiety disorder symptoms
- Anxiety sensitivity
- Negative beliefs about worry
- Positive beliefs about worry
- Worry severity

# Beliefs about worry may interact with fears of anxiety to create chronic worry



# Results

- Contrary to predictions, both NBW and PBW negatively moderated the relationship between anxiety sensitivity and GAD
- When NBW or PBW scores were high, AS scores had a weaker association with GAD
- When NBW or PBW scores were low, AS scores had a stronger association with GAD
- Same results found for both GAD symptoms and worry severity

# Limitations

- 60%-80% of participants were above GAD cut-off scores
- It is possible that NBW and PBW could still positively moderate AS, but the highly anxious nature of the sample did not allow that pattern to be found in the data

# Future Direction

- Planned follow up study with non-student sample to help alleviate data restrictions of the GAD measures
- Will also investigate role of intolerance of uncertainty and neuroticism