



NP 150 Part II: Mechanisms in the Diet-Mental Health Relationship (DMHR) (CAMFT)

\$299 USD
20.25 CE

NP 150 Part II explores the physiological, psychological, behavioral, social, and environmental mechanisms influencing the DMHR. Learners uncover how stress, immune function, emotional and cognitive patterns, social contexts, and environmental factors dynamically interact within the diet-mental health relationship to influence eating behaviors, psychological experience, and brain and mental health outcomes.

Module 5 explores **psychoneuroimmunology**, highlighting the interactions between stress, the nervous system, and immune responses and the role of diet in modulating these processes to impact mental health. It investigates stress as both a physiological and psychological response, focusing on how early-life stress shapes dietary choices and mental well-being and the bidirectional relationship between stress and eating behaviors.

Module 6 explores the **psychological and behavioral mechanisms** that shape our relationship with food, focusing on how emotions, cognition, and habits influence dietary choices and mental well-being. It examines emotional eating, body image, cognitive distortions, mindfulness, and how habit formation, reward systems, and psychological dynamics like food noise and food addiction impact eating behaviors.

Module 7 explores the **social and environmental mechanisms** influencing the relationship between diet, mental health, and resilience (DMHR), moving beyond individual mechanisms to focus on broader contexts, including the interconnections between socioeconomic factors, cultural influences, social support, food environments, and urbanization on dietary choices and mental health outcomes.

CNP is approved by the American Psychological Association (APA) to sponsor Continuing Education for Psychologists, RDs/DTRs under Activity Type 742 Eligible Enduring through the Commission on Dietetic Registration (CDR). CNP maintains responsibility for this program and its content.

LEARNING OBJECTIVES

Define psychoneuroimmunology and its role in DMHR	Define the habit loop and state two of its neural pathways
State two implications of prolonged activation of the HPA axis on mental health	Define food addiction and describe three of its components
Identify three ways the microbiota-gut-brain axis (MGBA) is physiologically linked to stress responses	Define food noise and identify three intrusive food-related thoughts associated with it
Identify one way stress influences dietary choices and one way diet affects stress responses	List the major regions involved in the brain's reward system
Define emotional eating and state three common triggers for this behavior	Identify three negative effects of food marketing that influence dietary intake behavior.
Identify three cognitive distortions that can negatively impact dietary habits	Identify three factors related to economic accessibility impacting the DMHR
Name three mindfulness practices and their effects on eating behaviors	Define dietary acculturation and identify two DMHR implications
	State two ways loneliness impacts eating patterns

COURSE INSTRUCTORS

Shereen Behairy, PhD (c)
Lead Author

Nabila Pervaiz, MS/MPhil
Biological Illustrator

Ephi Lu, M.S. Psych, Dip. C.N.
Editor

Meg Armstrong
Course Administrator

COURSE DETAILS AND POLICY

Target Audience: Mental health and nutrition professionals wanting to understand the evidence-based connection between diet and mental health.

This course can be taken alone, or as part of the Certificate in **Biological Mechanisms in Nutritional Psychology (NP-M)**. Courses in this Certificate include **NP 120 Part I**, **NP 120 Part II**, **NP 150 Part I** and **NP 150 Part II**.

CE hours do not include meals or breaks. Course certificates are awarded upon successful completion of the course and it's evaluation. If students do not receive their certificate they can email editor@nutritional-psychology.org. CNP maintains course records for 7 years.

This course is accessible for 4 months (120 days) from the date of enrollment. The course itself cannot be downloaded, However, "**Module Download Kits**" with key information from each module can be downloaded while enrolled in the course.

Questions, concerns, or grievances may be directed to the course administrator, via the course messaging platform, or emailed to editor@nutritional-psychology.org. Failing a timely resolution, learners may follow instructions in the course **Conflict Resolution Procedure**.

The one-time course fee payment is due at the time of enrollment and is considered non-refundable. Exception for a partial refund (up to 75%) will be considered should the learner have proof of severe circumstances leaving them unable to complete the course. Learners who have completed the course's first module will not be refunded. Learners needing accommodations write editor@nutritional-psychology.org

