

## Elective Description

**Campus:** Southeast (Virtual)

**Elective/Experience Title :** National Neuroscience

Curriculum Initiative (NNCI)

Quarantine Curriculum

**Department:** Psychiatry and Behavioral Sciences

**Course Number:** PSYB 9501

**Location of Elective:** Virtual

**Preceptor(s):** James L Roerig PharmD, BCPP

**Course Prerequisite:** Psychiatry Clerkship Completion

**Period(s) Offered:** All

**Revised Curriculum Phase(s):** 2, 3

**Number of students per period:** 1 (additional students may be approved by the department)

**Purpose:** To train medical students to integrate a modern neuroscience perspective into their clinical work.

**Objectives:** Following successful completion of this elective, the student will be able to:

1. Summarize the intersection of Neuroscience and Psychiatry (2.2).
2. Identify the cutting-edge research that has led to new models for understanding and for treating psychosis, depression, PTSD, substance use disorders, neurodevelopmental disorders of childhood, dementia including circuit-based approaches and the neurotrophic model (1.6, 2.7).
3. Demonstrate knowledge of the changes that the research described in #2 has produced in the disease models and treatments for psychosis, depression, PTSD, substance use disorders, neurodevelopmental disorders of childhood, and dementia (1.10, 2.4).
4. Summarize the concepts of Physician Wellness (8.1, 8.2)

**Instructional Activities:** During this elective, the student will be involved in/experience:

1. Complete the 14 topic areas of the NNCI Quarantine Curriculum
  1. The Future of Psychiatry = Clinical Neuroscience
  2. Psychosis
  3. Post Traumatic Stress Disorder
  4. Modern Genetics
  5. Modern Methods
  6. Depression
  7. Substance Use Disorders
  8. Child Psychiatry
  9. Dementia
  10. Complex Trauma and Borderline Personality Disorder.
  11. This 'Stuff' Is Really Cool
  12. NNCI and Chill
  13. Mind-Body
  14. Physician Wellness
2. Meet with preceptor each week for discussion regarding the curriculum's formative questions

**Criteria for Grading:** During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS virtual senior elective evaluation form.
2. By direct observation and discussion with the student, assess the student's knowledge of the curriculum's formative questions (objectives 1-4).