# YEARS 1 & 2 ELECTIVE COURSE

TITLE OF ELECTIVE: Art & Medicine: Using Visual Literacy to Improve Diagnostic Skills COURSE NUMBER: SOMN 739

DEPARTMENT: Department of Medical Education

DURATION: 2 semesters: Fall through Spring

DIRECTORS: Donna Woodson, MD; Carlos Baptista MD, PhD

# SEMESTERS AVAILABLE: 1 time per year, 2 semester course, offered in Fall

NUMBER OF STUDENTS: 30 (M1s and M2 Foundational science Students)

LOCATION: UTCOMLS (Health Science Campus) and Toledo Museum of Art (TMA)

COORDINATOR: Kristin McKeown, Academic Coordinator, 419-383-4429; kristin.mckeown@utoledo.edu

FACULTY: Donna Woodson, MD, FAAFP, Carlos Baptista, MD, PhD

GENERAL DESCRIPTION: Visual literacy techniques have been shown to enhance inspection and communication skills, increase empathy and tolerance of ambiguity, and lead to an improved ability to reason clinically from careful and unbiased observation.

Our students will learn this through art observation exercises pairing museum art educators with medical school faculty in the galleries and the classroom.

# EDUCATIONAL OBJECTIVES / LINKS TO CORE COMPETENCIES:

1. To demonstrate ability to use careful and unbiased observations to improve powers of inspection of patients with a broad range of disorders (MK-5, MK-11)
2. Enhance medical student’s diagnostic acumen (PC-8, PC-2)
3. Develop medical student’s powers of observation (MK-12, PC-8)
4. Develop skills of Visual Literacy by specially trained art instructors (PBL-1)
5. Develop adequacy and accuracy in physical examination skills, especially inspection (PC-2)
6. Promote improved communication about patient’s clinical state by individual and team discussions of what they have learned by careful observations of art and patients (IPC-1, PBL-3)

METHODS OF TEACHING:Experiential; Exploration of predetermined works of art at the TMA; Preparatory online materials; Active learning on the importance of observation in patient evaluation by COM faculty; Training in Visual Thinking Strategies (VTS) by art educator at the Toledo Museum of Art; Small Group Discussion and TBL following art gallery tour; Specific Docent-Led discussion of Topics relevant to observational

skills; Lectures given at UTCOM with discussion following, or in Museum Galleries. TMA sessions will include a Friday Night at the Museum event.

METHODS OF EVALUATION METHODS AND STUDENT FEEDBACK:Class Participation with required attendance and observation of participation; Reflection Paper and Individual Course Evaluations at conclusion of Elective. Student feedback will be incorporated in the required individual course evaluation and during the final debriefing.

PREREQUISITES:M1 or M2 medical students