

PATH/GGIS 560 - Spatial Epidemiology

Fall 2022



UNIVERSITY OF
ILLINOIS
URBANA - CHAMPAIGN

SPATIAL EPIDEMIOLOGY

Fall 2022-PATH 560
Dr. Csaba Varga
Assistant Professor of Epidemiology



Class Day / Time:	Monday and Wednesday 10:00 am - 11:50 am CST	Class Type: Lecture-Discussion - Laboratory
		Date Range: Aug 22, 2022 - Dec 07, 2022
Class Location:	338 Davenport Hall	
Instructor:	Csaba Varga, DVM MSc PhD DACVPM Assistant Professor of Infectious Disease Epidemiology Department of Pathobiology, Room 2414, VMBSB College of Veterinary Medicine 2001 S. Lincoln Ave., Urbana, IL 61802 Phone (217)-244-3729 Email cvarga@illinois.edu Web https://vetmed.illinois.edu/varga-lab/	

Course Description

This graduate-level course builds on the principles of epidemiology and teaches students how to assess geographic differences in population-level disease rates concerning their various risk factors.

You will learn about and use data and software from a variety of sources to address a set of applications related to disease patterns in place and time; application of geographic information systems; analysis of time-space relations; clusters and diffusion of disease; and spatial epidemiology of selected infectious diseases.