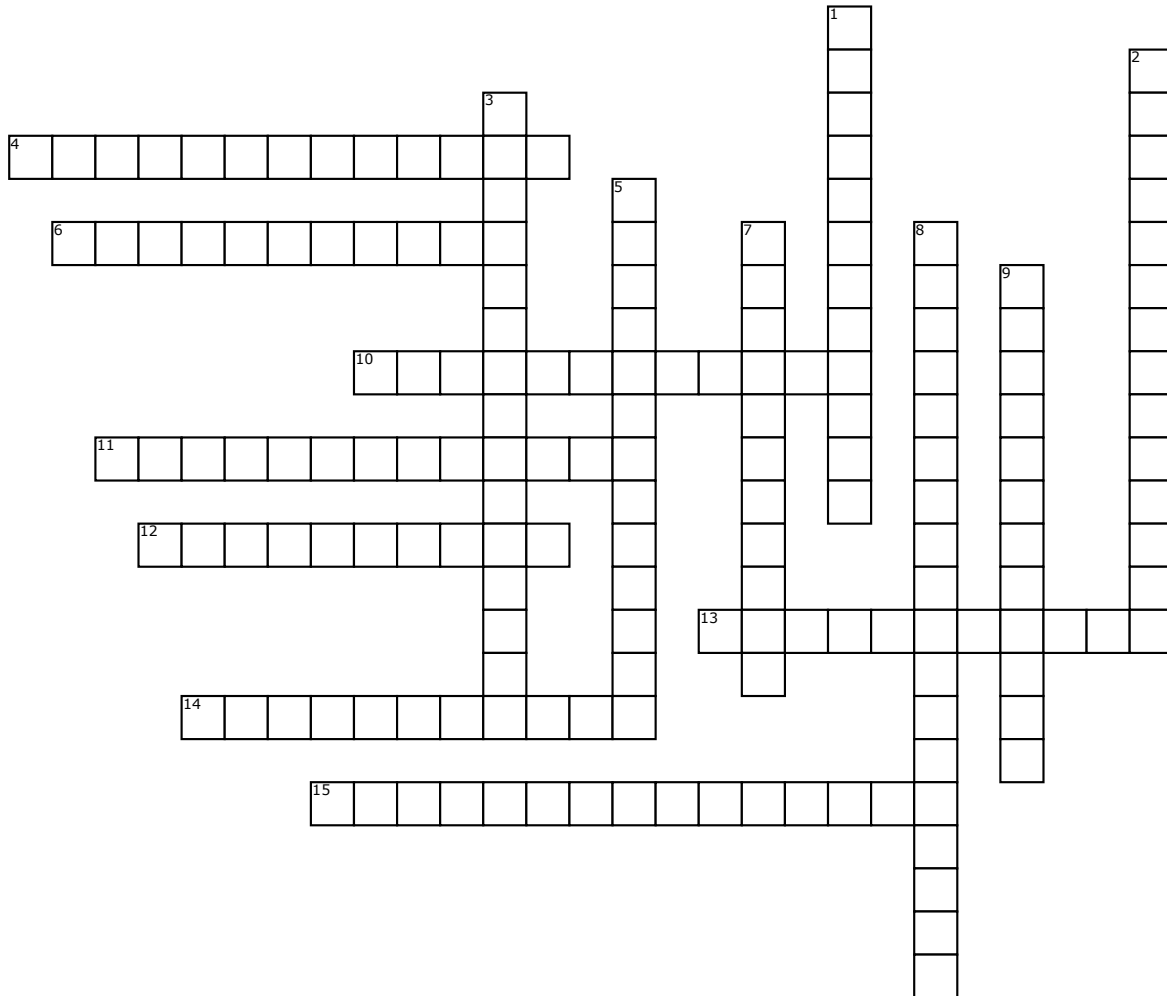


# Forensic Careers



**Across**

- 4.** She was a leader in the fields of anesthesiology and teratology and introduced obstetrical considerations to the established field of neonatology
- 6.** He invented the precursor technique to Gram staining bacteria
- 10.** His discoveries of the principles of vaccination microbial fermentation and pasteurization
- 11.** Won a Nobel prize in physiology or medicine he won the award for his discoveries concerning information processing in the visual system
- 12.** Discovered conditional reflexes that originated in the cerebral cortex of the brain.
- 13.** Discoveries of mechanisms in the biological synthesis of RNA and DNA

- 14.** Forensic DNA testing of evidence in criminal cases DNA extraction methods and DNA separation of forensic DNA data when only small amounts are available

- 15.** Was awarded for discoveries of mechanism for autophagy

**Down**

- 1.** Founder of psychoanalysis, a clinical method for treating psychopathology through dialogue between a patient and a psychoanalyst
- 2.** Through her work with other forensic specialists, she developed a unique forensic masters program that incorporated courses developed in the law school

- 3.** She holds particular research interests in nuclear and mitochondrial DNA analysis as well as trace evidence analysis

- 5.** He investigated Micro-plastic content in the Mississippi River system that can be designed for forensic causes

- 7.** He conducted research on the destruction of bacteria and red corpuscles in blood serum

- 8.** His particular research relates to using the latest technologies to link physiological fluids and tissues to potential suspect at the crime scene

- 9.** He traced a genealogical tree of all life forms and came up with new terms in biology such as phylogeny, anthropogeny, the Kingdom Protista, phylum, stem cells, and ecology