

Columbia University Anesthesiology Research

The Department of Anesthesiology of Columbia University aims to expand its research portfolio in several strategic areas, including organ injury and repair, pain, neuroscience, structural biology, and anesthetic neurotoxicity. Candidates are sought at the assistant professor, associate professor, and full professor rank, and university tenure will be considered for the qualified individual. The incumbent is expected to expand research in basic, clinical outcome, and translational research relevant to the specialty of anesthesiology.

The successful candidate will have a Ph.D., M.D., or M.D./Ph.D. and will be an accomplished and committed research scientist or physician scientist and have established research programs that are competitive for sustained extramural funding. The qualified candidate will have the opportunity for joint or interdisciplinary appointments in academic departments or institutes within the institution. The incumbent will be expected to mentor and teach within the Department of Anesthesiology. The successful candidate will be able to interact successfully and collaboratively with a large group of basic and clinical researchers in one or more of the following areas: (1) basic and clinical pain research; (2) basic and clinical research in organ injury, protection, and repair; (3) neuroscience, including ion channel physiology, neurovascular physiology, and anesthetic mechanisms; (4) clinical and basic studies in anesthetic neurotoxicity; (5) clinical outcomes, including delirium, cognitive dysfunction, and perioperative risk stratification; and (6) structural biology approaches to elucidate the pathophysiologic mechanisms or the pharmacologic basis for drug action.

Interested candidates should visit Columbia University's online application site to formally submit their application:

<https://academicjobs.columbia.edu/applicants/Central?quickFind=65595>

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race/gender/disability/veteran.