

RLM-Research Lab Management

Courses

RLM 706. Grants and Fellowships 101. 1 Hour.

This course introduces the extramural funding process. Topics include types of awards, funding sources, components of an application, the review process, and writing effective grant proposals. One- day workshop.

RLM 773. Research Lab Management. 3 Hours.

Research Lab Management is a comprehensive course designed to prepare students for the multifaceted responsibilities of managing a research laboratory. This course covers the essential elements required to develop an effective research lab management plan, including leadership and mentoring styles, regulatory compliance, and data management policies. Learners will engage in practical exercises to assess and design personalized management plans, ensuring they are well-equipped to lead and mentor within a research environment. Peer assessments and feedback sessions will further enhance their ability to critically evaluate and refine management strategies.

RLM 774. Introduction to Regulatory Compliance. 1 Hour.

Enrolled participants will examine regulatory compliance issues related to basic research needs, including but not limited to animal use, human subjects and export control. Completion of in-class activities will be used to measure attainment of learning objectives.

RLM 775. Research Lab Safety. 1 Hour.

This course provides a comprehensive overview of environmental and health safety regulations as they pertain to research laboratories. Students will gain a thorough understanding of the regulatory agencies responsible for overseeing these regulations and learn how to apply them within a laboratory setting. Key components of the course include identification of regulatory agencies, application of regulations, risk assessment, and lab safety plan development. By the end of this course, students will be equipped with the knowledge and skills necessary to maintain a safe and compliant research laboratory environment.