



ISBER Educational Webinar Information

The Accidental Collector: How to Manage an Incidental, Long-Term Frozen Collection

DATE: July 14, 2016

TITLE: The Accidental Collector: How to Manage an Incidental, Long-Term Frozen Collection

WEBINAR SUMMARY & OBJECTIVES:

Many researchers and organizations unintentionally store samples long-term after project completion. Good sample management techniques can free you from becoming the "accidental collector." Learn the processes and procedures required to create your own biospecimen collection in a way that will enhance research, save time, and maintain sample quality for long-term use.

Objectives

- **Learn about biobanks and sample management, with 3 case studies**
- **Gain take-away tools to implement your own sample management practices**
- **Learn about ISBER's resources to help you create your own system**

PRESENTERS:

Piper Mullins is the Program Manager for the Pan-Smithsonian Cryo-Initiative (PSCI) and a Director-at-Large of the International Society for Biological and Environmental Repositories (ISBER). As the PSCI Program Manager, she oversees the development of the Smithsonian biorepository network to integrate, standardize, and manage biological frozen collections ("biobanks") and their needs. This network encompasses approximately 1 million samples across the Institution, from 5,200+ animal and plant species.

Mariel Campbell is the Collection Manager for the Division of Genomic Resources in the Museum of Southwestern Biology (MSB DGR) at the University of New Mexico. The MSB Division of Genomic Resources is a natural history biorepository which archives frozen tissues from mammals, birds, fish,



reptiles, amphibians, and parasites from associated museum specimens. Ms. Campbell has a master's degree in zoology with focus on mammalian parasitology from the University of California at Davis and has nearly two decades' experience working with natural history collections.

Dr. Judith Giri has over 15 years of experience in biobanking, from planning and start up to management of large biorepositories. Most recently, at the Centers for Disease Control and Prevention (CDC), she participated in the oversight of a centralized repository with close to seven million specimens, and contributed to development of specimen management policies. Prior to joining the CDC, Judith established and managed a statewide repository network for cancer research. Together with other ISBER colleagues and experts, Judith developed ISBER workshops on Quality Management Systems for Repositories and contributed to editing the 3rd edition of ISBER Best Practices for Repositories. She earned a PhD in Microbiology.

Dr. Castelhana is a medical genetics researcher, a practicing clinician of the Pediatrics and Medical genetics service at the Cornell University Hospital for Animals, and the Director of the Cornell Veterinary Biobank. Dr. Castelhana has managed the Cornell Biobank since 2006, developing collection and withdrawal protocols to support ongoing and future biomedical research projects. She leads and supervises the Biobank team during daily operations, and represents the Cornell Biobank at national and international conferences.