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**Lessons from a Fire in a Natural History Museum**

By Fiona Graham, Conservator, Canadian Museum of Nature; Sarah Spafford-Ricci, Royal Saskatchewan Museum and Lisa Kronthal, National Sciences Foundation

Lesson No. 1

 It helps when the firefighters know and love your museum

 Invite firefighters to tour your museum

 Host a party for families of firefighters and police officers

 Lesson No.2

 Construction brings extra hazards

 Watch what your contractors are doing

 Develop guidelines for contractors working in museums

 Know what equipment and materials they will be using

 Lesson No. 3

 Construction increases the fire risk

 Insist on a fire watch

 Make sure your fire detection and suppression systems are not compromised

Lesson No. 4

 Fire is bad - sprinklers are good

 OR

 A little water is better than too much or none at all

 Lesson No. 5

 Consider the fire risk when designing exhibitions and storage layouts

 Don't block sprinklers

 Don't overheat fluid-preserved specimens

 Think twice before designing a labyrinth

 Lesson No. 6

 Leaky cases mean dirty specimens

 If an air-tight case is not a good idea, include filtered holes or use positive pressure from a clean air source

 Lesson No. 7

 Always clean with dry methods before using wet methods

 Lesson No. 8

 Soot is insoluble

 Don't try to "solubilize" soot

 Try to lift it instead

 Oily components will come with the carbon particles

 Executive Summary: Planning can make a big difference

Fiona Graham is a professional conservator specializing in preventive conservation. She holds a Masters degree in Art Conservation from Queen's University, Canada, and is accredited through the Canadian Association of Professional Conservators and the Canadian Association of Heritage Professionals. Fiona offers consulting services to the museum and heritage field and teaches at Queen's University, Athabasca University, and the Willowbank School of Restoration Arts as well as for Museum Classes Online. Her areas of expertise include preventive conservation in facility design and operations, specifications and project management for conservation projects, metals conservation, facility assessments, and storage planning.