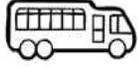


## SPNHC99 PROGRAM HIGHLIGHTS

**Sunday, June 27**

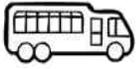
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| <b>8:00-4:30</b>  | <b>Registration, Ripley Center 3108</b>  |
| <b>8:45-5:45</b><br><br> | <p><b>Pre-Conference Trip to the Naturalist Center, Leesburg, VA and the U.S. Fish and Wildlife National Conservation Training Center, Shepherdstown, WV</b></p> <p>In 1995, the <a href="#">Naturalist Center</a> (NC) relocated from the Smithsonian's National Museum of Natural History (NMNH) to a temporary location in Leesburg, VA. The NC is a unique public study center, featuring 30,000 objects from the different collections at NMNH. Visitors have the opportunity to bring in their own natural history collections to identify and to study the NC's collections, thus receiving a unique behind-the-scenes museum experience. The NC offers specialized programs for school groups, nationally recognized teacher workshops, and specialty workshops on particular collections.</p> <p>The <a href="#">National Conservation Training Center</a> (NCTC) opened in the fall of 1997. On its campus of 16 buildings, the NCTC offers conference facilities and training to various wildlife conservation and natural resource management related Federal agencies. In addition to a small biological teaching collection, the facilities include aquatics, computer, and GIS laboratories. The NCTC is located two miles from Shepherdstown, which is the oldest town in West Virginia. This field trip will include a stop in "old town" Shepherdstown, allowing participants time to purchase lunch in one of several restaurants and time to visit the historic district of a few shops.</p> <p style="text-align: center;">Minimum participants: 25      Maximum participants: 45<br/>         Cost: \$30/person<br/>         Lunch on your own</p> |
| <b>9:00-5:00</b>  | <p><b>Workshop - Finance and Funding: Linking Collections Care Needs to Money in the Museum - Day 1 of 2, Ripley Center 3111</b></p> <p>This two-day workshop will provide a "financial primer" on operating statements, budgeting, fundraising, and on linking long range plans for collections care needs to the budgeting and fundraising process. It will help staff integrate funding needs into grant writing and capital campaigns, and broaden staff understanding of the development and use of financial information in institutional decision making. Knowledge is power, and even if you are not a financial planner or decision maker in your institution, understanding how the system does work, can work, or should work will help you leverage the resources you need to do your job. Instructors for this workshop will be John Rorer, Executive Vice President at the New York Botanical Gardens, Trudi Hayden, Director of Foundation and Government Support for the American Museum of Natural History, and Bill Vartorella of Craig and Vartorella Inc. Made possible with the generous support of Delta Design Ltd.</p> <p style="text-align: center;">Maximum participants: 150<br/>         Cost: Early: \$90/members, \$100/non-members<br/>               Regular: \$100/members, \$110/non-members<br/>         Lunch on your own</p>  |

**Monday, June 28**

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| <p>8:00-4:30</p>   | <p><b>Registration, S. Dillon Ripley Center 3108</b></p>  |
| <p>8:00-4:00</p>    | <p><b>Pre-Conference Trip to Jefferson Patterson Park, St. Leonard, MD</b></p> <p><b>THIS TRIP WAS CANCELLED, DUE TO LACK OF PARTICIPATION. OTHER FIELD TRIPS STILL HAVE ROOM.</b></p> <p>Participants will tour the <a href="#">Academy of Natural Sciences Estuarine Research Center (ANSERC)</a>, a field laboratory on the Patuxent River. The lab was established to explore the interrelationships between complex ecosystems and human activities. The lab scientists have been studying the Chesapeake Bay for more than 30 years. ANSERC also conducts educational activities for the public. Also at this park, we will visit the Maryland Archaeological Conservation (MAC) Laboratory. This new facility has incorporated many interesting and effective elements in its design.</p> <p>Lunch will be served at the MAC Lab, and afterwards participants are encouraged to visit the park, visitor center, museum and Woodland, Riverside, Shoreline and Bayscape Nature Trails. The Bayscape Trail demonstrates how native species can be used to landscape and preserve the Bay watershed, and also features butterfly and hummingbird gardens. The park is a good site for bird watching.</p> <p>Maximum participants: 47<br/>         Cost: \$40/person<br/>         Lunch included</p> |
| <p>8:00-4:00</p>  | <p><b>Pre-Conference Trip to Fossil Localities in Calvert County, MD</b></p> <p>Participants will tour and collect from two Miocene localities in Calvert County, Maryland that are rich in fossil marine life including mollusks, sharks, and marine mammals. Dave Bohaska, from NMNH's Paleobiology Department, has volunteered to act as our tour guide. Participants will travel by bus from Washington, DC to our first stop at Matoaka Beach Cabin, then back on the bus to Chesapeake Beach for lunch on your own at a local restaurant, followed by additional exploring and collecting at nearby Brownie Beach. Be prepared to get damp and/or muddy; wear wading shoes.</p> <p>Maximum participants: 42<br/>         Cost: \$28/person<br/>         Lunch on your own</p>   |
| <p>8:45-4:15</p>  | <p><b>Workshop - Rigging: Lifting &amp; Moving Large Objects, Garber Facility, Building 26, Suitland, MD</b></p> <p>This one-day workshop is designed to cover the principles of rigging. Topics will include the proper rigging tools and equipment to use, safety issues, teamwork and the roles within a rigging team, communication, and how to choose a rigger if you lack the skills or equipment to do the job yourself. Demonstrations of lifting different types of natural history objects will examine techniques, problems, and the placement of straps, bracing, and padding to avoid weak areas of an object.</p> <p>The instructor for this workshop is Roger Machin, founder of Methods and Materials, a Chicago-based fine art rigging and installation company. Roger has a variety of experience moving, handling, and solving unique problems associated with large sculpture, natural history specimens and anthropology museum collections. Shuttle from NMNH leaves at 8:00am.</p>   |

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|                   | <p>Minimum participants: 20<br/> Maximum participants: 30<br/> Cost: Early: \$80/member, \$90/non-member<br/> Regular: \$90/member, \$100/non-member<br/> Lunch included</p>  |
| <b>9:00-5:00</b>  | <p><b>Workshop - Finance and Funding: Linking Collections Care Needs to Money in the Museum - Day 2 of 2, Ripley Center 3111</b><br/> This will be a continuation of Day 1.</p>   |
| <b>1:00-5:00</b>  | <p><b>National Museum of Natural History (NMNH) Collections Tours</b><br/> NMNH houses over 121.6 million artifacts and specimens. NMNH staff will lead tours through selected collections including Mammals, Birds, Amphibians and Reptiles, Botany, Fishes, Entomology, and the Dibner Library. Because of various construction/renovation projects at NMNH, not all of the collections will be accessible. For final schedule and sign-up sheet, please check the registration desk.</p> |
| <b>7:00-10:00</b> | <b>1st Council Meeting</b>  |

Tuesday, June 29

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| 8:00-4:30   | <b>Registration, Ripley Center 3108</b>   |
| 8:00-4:00   | <b>Committee Meetings, NMNH East Court &amp; MSC SCMRE Seminar Room</b>   |
| 8:00-1:00<br>    | <p><b>Pre-Conference Trip to Alexandria Archaeology, Alexandria, VA</b><br/> Participants will visit <a href="#">Alexandria Archaeology</a>, a city operated archaeology program, in Old Town Alexandria. The laboratory and museum are located in the Torpedo Factory Art Center, and renovated collection storage space housed at the City Incinerator. After the tour, participants may return to Washington, DC by SPNHC bus or remain in Old Town for shopping and lunch, and return via Metrorail.</p> <p>Maximum participants: 20<br/> Cost: \$12/person<br/> Lunch on your own</p>  |
| 8:45-12:30<br> | <p><b>Workshop - CO<sub>2</sub> Fumigation: Atmospheric Treatment of Museum Objects for Pest Control - Session I, Garber Facility, Building 26, Suitland, MD</b><br/> Carbon Dioxide is a non-toxic alternative to pesticides commonly used in the museum environment. CO<sub>2</sub> leaves no residue and, unlike freezing or heat treatments, can be safely used for many composite materials. Currently only one vendor in North America can supply enclosures with sufficiently low permeability and large size. This 1/2 day workshop will address CO<sub>2</sub> efficacy in museum pest control, possible chemical interactions with museum specimens, and humidity concerns using a dry gas in an enclosed system. The workshop offers hands-on demonstrations of several systems for running and maintaining CO<sub>2</sub> bubbles as well as problem solving and modification of existing systems. The workshop will also offer practical tips for purchasing and setting up your own CO<sub>2</sub> treatment system. Instructors: Tom Strang, Canadian Conservation Institute; Jeremy Jacobs, Department of Vertebrate Zoology, Division of Mammals, National Museum of Natural History; and, Kerry Button, MSC Move, National Museum of Natural History. Shuttle from NMNH Constitution Avenue entrance leaves at 8:00am</p> <p>Maximum participants: 30<br/> Cost: Early: \$50/member, \$60/non-member<br/> Regular: \$60/member, \$70/non-member<br/> Lunch included</p> |
| 9:00-12:00  | <p><b>National Museum of Natural History (NMNH) Collections Tours</b><br/> NMNH houses over 121.6 million artifacts and specimens. NMNH staff will lead tours through selected collections, including Birds, Amphibians and Reptiles, Paleobiology, Mineral Sciences, Invertebrate Zoology, and the Dibner Library. Because of various construction/renovation projects at NMNH, not all of the collections will be accessible. For final schedule and sign-up sheet, please check the registration desk.</p>   |
| 9:00-10:00  | <b>Membership Committee Meeting, NMNH East Court Bldg, Room CE 340</b>  |
| 9:00-10:00  | <b>Documentation Committee Meeting, NMNH East Court Bldg, Room CE 307</b>   |
| 10:00-12:00   | <b>Conference Committee Meeting, NMNH East Court Bldg, Room CE 334</b>  |
| 10:00-12:00   | <b>Conservation Committee Meeting, NMNH East Court Bldg, Room CE 340</b>  |

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| <p><b>12:00-4:00</b></p>   | <p><b>Workshop - CO<sub>2</sub> Fumigation: Atmospheric Treatment of Museum Objects for Pest Control - Session II, Garber Facility, Building 26, Suitland, MD</b></p> <p>Carbon Dioxide is a non-toxic alternative to pesticides commonly used in the museum environment. CO<sub>2</sub> leaves no residue and, unlike freezing or heat treatments, can be safely used for many composite materials. Currently only one vendor in North America can supply enclosures with sufficiently low permeability and large size. This 1/2 day workshop will address CO<sub>2</sub> efficacy in museum pest control, possible chemical interactions with museum specimens, and humidity concerns using a dry gas in an enclosed system. The workshop offers hands-on demonstrations of several systems for running and maintaining CO<sub>2</sub> bubbles as well as problem solving and modification of existing systems. The workshop will also offer practical tips for purchasing and setting up your own CO<sub>2</sub> treatment system. Instructors: Tom Strang, Canadian Conservation Institute; Jeremy Jacobs, Department of Vertebrate Zoology, Division of Mammals, National Museum of Natural History; and, Kerry Button, MSC Move, National Museum of Natural History. Shuttle from NMNH Constitution Avenue entrance leaves at 11:00am</p> <p>Maximum participants: 30<br/> Cost: Early: \$50/member, \$60/non-member<br/> Regular: \$60/member, \$70/non-member<br/> Lunch included</p> |
| <p><b>1:00-3:00</b></p>   | <p><b>Publications Committee Meeting, SCMRE Seminar Room, Museum Support Center</b></p>   |
| <p><b>1:00-5:00</b></p>   | <p><b>Registration, Museum Support Center, Suitland, MD</b></p>   |
| <p><b>1:00-5:00</b></p>  | <p><b>Open House at the Smithsonian Centers in Suitland, MD</b></p> <p>Staff of <a href="#">SCMRE</a> and <a href="#">NMNH</a> will be on hand to show off the SCMRE laboratory and the Anthropology laboratories and collections storage areas of the <a href="#">Museum Support Center</a> facility. The storage facility houses over 30 million natural history specimens, and a number of associated laboratories. Move staff will offer demonstrations of "packing big things" throughout the afternoon. Also open will be the labs and storage areas located in the rest of MSC and in some nearby facilities, including the <a href="#">Osteopreparation facility</a>, the Botany Greenhouse, and the <a href="#">National Museum of American Indian Cultural Resource Center</a>.</p>   |
| <p><b>3:00-4:00</b></p>   | <p><b>Education &amp; Training Committee Meeting, SCMRE Seminar Room, Museum Support Center</b></p>   |
| <p><b>4:30-7:30</b></p>  | <p><b>Icebreaker Reception, Museum Support Center, Suitland, MD</b></p> <p>Join us at the Museum Support Center Patio for an informal evening of appetizers, beverages and dinner to renew acquaintances and meet new colleagues following a day of tours of the facilities in Suitland, MD. Beverages made possible through the generosity of the Rockbottom Brewery, Bethesda, MD and RBR Enterprises. Floral arrangements donated courtesy of Ociana Group. Co-sponsored by the National Museum of Natural History, the Smithsonian Center for Materials Research and Education, and Viking Metal Cabinet Co. Inc.</p>   |

## Wednesday, June 30

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| <b>8:00-4:30</b>   | <b>Registration, Ripley Center 3108</b>   |
| <b>9:00-5:00</b>   | <b>Exhibitors Showcase, Ripley Center 3111</b>  |
| <b>9:00-9:30</b>   | <b>Welcome and Opening Remarks, Ripley Center Lecture Hall &amp; Room 3037</b><br>Join us for the 1999 annual meeting Welcome and Opening Remarks by Sally Shelton, President of SPNHC, Lambertus van Zelst, Director of SCMRE, and Robert Fri, Director of NMNH.   |
| <b>9:30-10:30</b>  | <b>Health and Safety in Collections Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>1. Introduction<br>2. Report on the National Institute for Occupational Safety and Health Study of Health Hazards and Control Technologies in Museum and Conservation Work<br>3. Biological Testing for Toxic Exposures<br>4. Report on Attempts to Develop Consensus on Analytical Methods, Risk Assessment Models, and Safe Handling Procedures for Museum Collections with Residual Pesticides<br>5. Environmental Protection Agency Resources Available to Small Laboratories  |
| <b>10:30-11:00</b> | <b>Coffee Break, Ripley Center 3113</b>   |
| <b>11:00-12:00</b> | <b>Health and Safety in Collections Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>6. The Smithsonian Institution Museum Support Center - Fire Protection Strategy for Upgrade to Wet-Collections Rack Storage Array<br>7. The Analysis and Detection of Hazardous Pesticide Residues Present on Herbarium Material<br>8. Exposure Monitoring for Inorganic Arsenic and Mercury Vapor During Various Move and Collections Management Tasks<br>9. Radiological Survey of Paleontological Specimens   |
| <b>12:00-1:30</b>  | <b>Lunch</b>  |
| <b>1:30-2:15</b>   | <b>Welcome, Ripley Center Lecture Hall &amp; Room 3037</b><br>Join us for the Welcome by Sally Shelton, President of SPNHC, and Bobbie Faul-Zeitler, Executive Director of the Association of Systemetic Collections, to start the 1999 annual meeting.   |
| <b>2:15-3:00</b>   | <b>Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>1. Natural History and Anthropology Collections in the National Museums of Kenya: Current Status<br>2. Tocuila, An On-Site Paleontological Museum<br>3. A National Archaeological Collections Management Conference   |
| <b>3:00-3:30</b>   | <b>Coffee Break sponsored by OTD, Ripley Center 3113</b>  |
| <b>3:30-5:00</b>   | <b>Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>4. Federally Funded Partnerships Support Collection Management Programs in the Department of Invertebrate Zoology, National Museum of Natural History<br>5. Progress in Establishing a New Natural History Collection<br>6. Interdisciplinary Uses of Natural History Collections<br>7. The Biological Voucher Specimen and Its Benefits to Scientific Research<br>8. The Concentration Shift Indicator®: A Simple Instrument to Monitor the Preservation Quality of Ethanol Preserved Specimens<br>9. The JLB Smith Institute National Fish Collection: A New, Exciting Future |

## Thursday, July 1

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| 8:00-4:30   | <b>Registration, Ripley Center 3108</b>  |
| 9:00-5:00   | <b>Exhibitors Showcase, Ripley Center 3111</b>   |
| 9:00-10:00  | <b>Anthropology Special Interest Group (SIG), Ripley Center Room 3037A</b>   |
| 9:00-10:05  | <p><b>Collecting, Preserving and Accessioning Genetic Resources Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br/> <i>This symposium was supported, in part, via travel stipends from the Short-Term Visitor Program of the Smithsonian Office of Fellowships and Grants.</i></p> <ol style="list-style-type: none"> <li>1. Introduction and Overview</li> <li>2. Collection, Storage and Preservation of Vertebrate Genetic Resources: A Perspective from the Burke Museum</li> <li>3. The Teachings of the Beasts: Assessing Molecular Information in Natural History Collections</li> </ol>   |
| 10:00-11:00 | <b>Geology Special Interest Group (SIG), Ripley Center Room 3037A</b>  |
| 10:05-10:20 | <b>Coffee Break, Ripley Center 3113</b>  |
| 10:20-12:00 | <p><b>Collecting, Preserving and Accessioning Genetic Resources Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b></p> <ol style="list-style-type: none"> <li>4. Maintaining the Link Between Traditional and Genetic Collections: Databasing, Loans, and Proprietary Use</li> <li>5. DNA Banking - Legal Implications and Conservation Activities</li> <li>6. Issues Concerning Loan Policies for Destructive Analysis of Museum Based Frozen Tissue and DNA Samples</li> <li>7. Brief Discussion</li> </ol>   |
| 11:00-12:00 | <b>Conservation Special Interest Group (SIG), Ripley Center Room 3037A</b>   |
| 12:00-1:30  | <b>Lunch</b>   |
| 1:30-3:00   | <b>General Business Meeting, Ripley Center Lecture Hall</b>  |
| 3:00-3:30   | <b>Coffee Break, Ripley Center 3113</b>  |
| 3:00-5:00   | <b>Poster Session, Ripley Center 3112</b>  |
| 3:00-5:00   | <p><b>Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b></p> <ol style="list-style-type: none"> <li>1. An Instructional Design Approach to Collections Online: Who Cares?</li> <li>2. Conserving the Data in Natural History Collections: Approaches for Automatic Scanning and Digitizing</li> <li>3. Reverse Engineering Museum Specimens</li> <li>4. Conserving the Data in Natural History Collections: Using Technology to Minimize Wear and Damage on Specimens During Research</li> </ol>  |
| 6:00-10:00  | <p><b>Banquet and Dance: Odyssey Cruise</b></p> <p>The annual banquet and dance will be held on the cruise ship <i>Odyssey</i>. Experience our nation's capital from a fun and unique point of view with a dinner buffet, unlimited beverages (beer/wine and non-alcoholic), live music and monumental views. Boarding and open bar start at 6:00pm, with the cruise from 7:00pm to 10:00pm. Dinner attire/jackets are recommended. The closest <a href="#">Metrorail station</a> is the Waterfront stop on the Green line (about 1.5 blocks from the ship boarding area). There is complimentary parking at the 6th and Maine Street parking lot.</p> <p>Cost: \$63.00/person</p> |

## Friday, July 2

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| <b>8:00-10:00</b>  | <b>Registration, Ripley Center 3108</b>   |
| <b>9:00-10:00</b>  | <b>Paleobiology Special Interest Group (SIG), Ripley Center 3037A</b>   |
| <b>9:00-10:30</b>  | <b>Repatriation Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>1. Introduction<br>2. "Traditional Care" at the National Museum of the American Indian: Building Lasting Relationships with Indigenous Communities<br>3. When Objects are More Than Objects: Living Objects in Natural History Collections<br>4. Object Documentation as Virtual Preservation: Archival and Literature Research into the Herbert W. Krieger 1934 Collection From the Lower Columbia River<br>5. The Return of Funerary Objects: Handling, Storage and Analysis of Collections                          |
| <b>10:00-11:00</b> | <b>Zoology Special Interest Group (SIG), Ripley Center 3037A</b>  |
| <b>10:30-11:00</b> | <b>Coffee Break, Ripley Center 3113</b>   |
| <b>11:00-12:00</b> | <b>Botany Special Interest Group (SIG), Ripley Center 3037A</b>   |
| <b>11:00-12:00</b> | <b>Repatriation Technical Session, Ripley Center Lecture Hall &amp; Room 3037</b><br>6. Preservation by Mutual Agreement: The NMNH and Nunivak Island, Alaska, Repatriation Experience<br>7. Legal Definitions and Concepts in Repatriation<br>8. Implementing a "True Compromise": The Native American Graves Protection and Repatriation Act<br>9. Impacts of NAGPRA: Dealing with Culturally Sensitive Material at the Denver Museum of Natural History  |
| <b>1:30-3:30</b>   | <b>Conservation Technical Session, Ripley Center Lecture Hall</b><br>1. A Survey of the Adhesives and Consolidants Used by Bryozoan Researchers and the Implications for Natural Science Collections<br>2. Storing Oversized Objects in the Department of Anthropology: Aluminum Pallets with Open Framing<br>3. Plaster Specimens: A Conservation Challenge<br>4. Recovering Microfossil Specimens from Deteriorating Mounting Media<br>5. The Texas Cooperative Wildlife Collection and the Flood: Recovery - Past, Present, and Future<br>6. Adventures with Moving Dinosaurs: The Diplodocus is Burning |
| <b>3:30-3:45</b>   | <b>Closing Remarks, Ripley Center Lecture Hall &amp; Room 3037</b><br>Join Sally Shelton, President of SPNHC, to close the meeting.   |
| <b>4:00-6:00</b>   | <b>Final Council Meeting, NMNH</b>  |