



## **2004 Annual Conference Proceedings**

18 – 23 September  
New Orleans, LA

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### **The Bronx Zoo's Tiger Mountain: Enrichment at the Forefront of Exhibitory**

Patrick Thomas, Ph.D., Curator of Mammals  
Susan Chin, Director of Exhibition and Graphic Arts  
Bronx Zoo / Wildlife Conservation Society

### **The Economics of Feeding Animals: A Strategic Approach**

Barbara Toddles, Nutrition Program Director, Philadelphia Zoo  
Andy Baker, Ph.D., Senior Vice-President for Animal Programs, Philadelphia Zoo

### **Designing Larger Exhibits Without Making Them Larger: The Periodic Access Concept**

Terrance L. Steele, Ph.D., Associate Professor, Department of Psychology, Cardinal Stritch University

### **The Development of a Carcass Feeding Program**

Beth Stark, Curator of Behavioral Husbandry, The Toledo Zoo

### **A Technique for Assessing Exhibit Success**

Wendy Stanford, Research and Conservation Coordinator  
Alan Varsik, General Curator, Santa Barbara Zoo

### **Social Interaction Among Members of a Family of White-Cheeked Gibbons**

Kara Nuss, Graduate Student  
The University of Chicago, Committee on Evolutionary Biology

### **B.I.G. TEX and the Cyanocorax yncas (Green Jay) Project**

Debbie S. Milligan, Senior Keeper-Birds, Dallas Zoo

### **Parma Wallaby PMP: Saving the Last of Sir George Grey's Wallabies**

Adrienne Miller, Collection Manager, Parma Wallaby Studbook Keeper and PMP Manager  
Russell Menard, Media Productions and Programming, Roger Williams Park Zoo

**Inspiring Caring: Measuring the Impact of the Lemur Forest Experience**

Wendy Meluch, Visitor Studies Services and Emily Routman, San Francisco Zoo

**The Students and Mentors (S.A.M.) Program: A Unique Zoo-School Collaboration to Foster Academic Success in Disadvantaged Youth**

Meg Helmes, Science Magnet School Liaison

**The Bioencapsulation of Metronidazole in the Adult Brine Shrimp (*Artemia* Sp.)**

A. Jeanene McCoy, B.S., Research Fellow, Jane M. Crowder, B.S., Chemist, John Dickson, M.S., Aquarist, Allison L. Corwin, B.S., Research Fellow, Rolando Perez, Ph.D., Project Manager and M. Andrew Stamper, D.V.M., Dipl. A.C.Z.M., Research Scientist

**A Diversity Recruitment Strategy**

Michelle May, Animal Programs Manager, The Living Seas, Walt Disney World Resort  
John Lehnhardt, Animal Operations Director, Disney's Animal Kingdom, Walt Disney World Resort

**Tracking and Understanding the Elements of a Satisfying Zoo Experience**

Jerry F. Luebke, Ed.D., Audience Research Specialist, Brookfield Zoo

**Dancing with the Apes: Metamorphosis of an Orangutan and Siamang Exhibit**

Robyn Badger, Architect  
Kimberly Livingstone, Team Area Lead, Zoological Society of San Diego

**Food For Thought: Integrating Zoo Nutrition and Education Programs**

Keith Winsten, Director of Education, Interpretation, and Outreach, Brookfield Zoo  
Kerri Slifka, Staff Nutritionist, Brookfield Zoo  
Barbara Lintzenich, Staff Nutritionist, Brookfield Zoo

**Science Stars: Understanding Wildlife through Science and Art**

Anthea Lavalley, Director of Education, Zoo New England  
Sarah McMillan, Science Stars Coordinator, Zoo New England  
Allie Beraha, Education Specialist, Zoo New England

**Passionate Facts: Fusion of Culture and Science**

Zofia Kostyrko, Creative Director and Principal, deZign sKape LLC  
Paul Bluestone, Principal, Bluestone Associates  
Joe Rohde, Director, Walt Disney Imagineering  
Dr. Bonnie Sachatello-Sawyer, Director, Native Waters  
Dr. Jerry Schubel, President and CEO, Aquarium of the Pacific  
Susan Strauss, Storyteller  
Presentation Media Design; Gillian Chaplin, Director, Magian Design Studio

**The Implications of Johne's Disease and the Regulatory Environment**

Bruce Rideout DVM, PhD, Dipl. ACVP, Head of Pathology and Associate Director, Center for Reproduction of Endangered Species, Zoological Society of San Diego

**Genetic Paternity Analysis of a Wild African Elephant Population**

Julie Hollister-Smith, Duke University

Susan C. Alberts, Duke University

Joyce Poole, Amboseli Elephant Research Project

Cynthia Moss, Amboseli Elephant Research Project

**Training Birds for Husbandry and Medical Behaviors to Reduce or Eliminate Stress**

Barbara Heidenreich, Owner, Animal Training and Consulting Services

**Project Puffin and the AZA: Involving Staff With A Successful Seabird Restoration Program**

Mary Roman Gunther

**Cheetah Species Survival Plan in situ Conservation Programs**

Jack Grisham, Smithsonian's National Zoological Park

**The Importance of a Comprehensive Nutrition Program: A Director's Perspective**

Michael Fouraker, Zoo Director, Fort Worth Zoo

Ann M. Ward, Director of Nutrition, Fort Worth Zoo

Tarren Wagener, Director of Conservation Science, Fort Worth Zoo

**Training Innovations that Save Time, Animals and Money**

Kayce Cover, President, SATS

**Finding the Balance: When Scientists and Educators Collide**

Julie Childers, Director, Center for School and Public Programs, Mote Marine Laboratory and Aquarium

**Developing Partnerships to Increase Diversity: One small zoo's solution to a big problem**

Miranda Cagle, Director of Community Partnerships

Dardenelle Long, Zoo Director, Chattanooga Zoo at Warner Park

**Strategies for managing supportive care and reintroduction of infant hylobatidae**

Beth Schaefer, Beth Richards, Rebecca Sellin, Audra Sharp Disney's Animal Kingdom