

**Colleen Kinzley
Curriculum Vitae**

Colleen Kinzley has worked with elephants in the zoo environment for over 20 years. She has been the General Curator and Elephant Manager at the Oakland Zoo since 1990. During that time she implemented the first Protected Contact Training and Management program in the country for 1.3 African elephants. She hand-raised 1.0 African elephant calf for eleven months, milked 0.1 African elephant to supplement the diet of the hand raised calf and for the purpose of ongoing analysis of milk. Ms. Kinzley developed zoo-wide enrichment programs and developed zoo-wide operant conditioning training programs for animal husbandry and medical care. She acted as an onsite consultant for the San Francisco Zoo to develop a Protected Contact and Training Management program for their 0.2 African elephants and 0.2 Asian elephants.

Under Ms. Kinzley's direction, the Oakland Zoo has participated in a wide variety of research projects. These projects include: seismic communication in elephants, ongoing behavioral study of the Zoo's elephants, evaluation of temporal gland secretions, monitoring of testosterone in the bull during musth and non-musth periods, testing of ibuprofen and phenylbutazone medications for elephants and evaluation of elephant milk for the development of milk replacer for calves that must be hand raised.

An active supporter of conservation programs, Ms Kinzley and the Oakland Zoo have raised and donated over \$100,000 to the Amboseli Elephant Research Project and the Samburu Elephant Research Project in Kenya Africa, and the Elephant Sanctuary in Tennessee.

Professional Associations

- American Zoo and Aquarium Association
- American Association of Zoo Keepers
- Elephant Managers Association
- Alliance for Elephants: Board Member
- Contra Costa Avian Society
- Bay Area Amphibian and Reptile Society

Education and Training

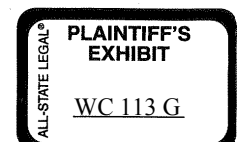
- Masters in Biology, California State University, East Bay in progress
- Bachelor of Science: Biology, California State University, Hayward 1992
- Operant Conditioning Seminar and Workshop by Ellen Leach 1992
- Chimpanzee Training and Enrichment Workshop; Bastrop, Texas 1993
- Behavior Training Seminar and Workshop by Gary Priest 2002
- Leadership Development Training by Kathleen Krentz 2004

Professional Experience

1990- Present Oakland Zoo, Oakland California

- General Curator
- Elephant Manager
- Senior Keeper

1986-1990 Brookfield Zoo, Brookfield IL
Pachyderm Keeper



1982-1986 Phoenix Zoo, Phoenix Arizona
Animal Keeper

Research Experience

2003-2006 Research Assistant, Etosha National Park 6-10 weeks each field season

- Observed and recorded herd member position and spacing at 15 second intervals during seismic trials
- Entered data into Excel program
- Develop and maintain elephant i.d. data base for 100 individual elephants and six herds
- Observe and record behavior, musth status, and dominance of bull elephants
- Participate in collection of height measurement, foot measurement, and foot print photograph for aging and identification
- Participate in identification, collection, and processing of dung for hormone and DNA testing

1991-present Behavioral Observation Team Leader, Oakland Zoo

- Train staff and volunteers to participate in Zoo observation projects
- Coordinate observation projects with keepers – identify questions, design appropriate technique for observing and measuring behavior
- Participate in long term monitoring observation programs for elephants, chimps, lions and bats

2001-present Research Assistant, Oakland Zoo

- Trained an elephant to participate in force choice testing for seismic research
- Participate in developing, refining and implementing technique to test the elephants seismic sensitivity
- In process of training two elephants to participate in cognition testing

PAPERS PRESENTED AND PUBLISHED

Hand Raising and Diet Supplement of Calves

Colleen Kinzley, Karen Emanuelson, DVM
Published in AZA Elephant Husbandry Manual

Hand-Rearing Wild and Domestic Mammals, Chapter 28: Elephants

Karen Emanuelson, DVM and Colleen Kinzley
Published 2002

Improvement in Elephant Management at the Oakland Zoo

Colleen Kinzley
Presented at EMA Conference 2001

The Development and Use of a Birth Chute for Elephants

Colleen Kinzley
Presented at EMA Conference 2001

Salmonellosis and Subsequent Abortion in Two African Elephants

Karen Emanuelson, DVM and Colleen Kinzley
Presented AAZA, 2000

“What If?” When Protected Contact Elephant Management Isn’t

Colleen Kinzley

Presented at AZA Regional, 2000

Salmonella Typhimurium in 0.3 African Elephants at the Oakland Zoo

Colleen Kinzley and Karen Emanuelson, DVM

Presented at EMA, 1998

Managing Illness in an African Elephant at the Oakland Zoo

Colleen Kinzley

Published Journal of Elephant Management Association 1998

The Elephant Hand-Raising Notebook

Colleen Kinzley

Presented at Elephant Managers Association, 1997

Elephant Hand –Rearing chapter written for Neonate Hand Raising Notebook

Karen A. Emanuelson, DVM and Colleen Kinzley

Not yet published

Reproduction of African Elephants at the Oakland Zoo

Colleen Kinzley

Journal of Elephant Management, 1996

Training For Medical Examinations, Tests and Treatments in Protected Contact

Colleen Kinzley

Presented at EMA Conference 1995

The Transition from “Hands-Off” to “Hands-On” Elephant Management at the San Francisco Zoo

Colleen Kinzley

Presented at Regional AZA Conference 1995

Protected Contact Management of African Elephants at the Oakland Zoo

Colleen Kinzley

Presented at EMA Conference 1994

Restraint Facilities and Operant Conditioning in Large Land Mammals

Colleen Kinzley

Presented at AZA Regional Conference, 1993

Design of Oakland Zoo’s Elephant Facility

Colleen Kinzley

Presented at EMA 1991

Presentations

Kinzley C. “Right here right now: How the Oakland Zoo improves the lives of their elephants.”

Presented at AZA Annual conference, Chicago IL, 9/06.

Emanuelson K. and Kinzley C. “Salmonellosis and subsequent abortion in two African elephants.”

Presented at AAZV Annual conference Fort Worth, TX, 9/00.

Kinzley C. “The elephant hand –raising notebook.” Presented at the Elephant Managers Association Annual conference, Orlando, FL. 10/97.

Kinzley, C. “Training for medical examinations, tests, and treatments in protected contact.”

Presented at the Elephant Managers Association Annual conference, Atlanta, GA, 10/95.

Kinzley, C. “The transition from “hands off” to “hands on” elephant management at the San Francisco Zoo.” Presented at the AZA Western Regional Conference, San Jose, CA, 3/95.

Kinzley C. “Protected contact management of African elephants at the Oakland Zoo.”

Presented at the Elephant Managers Association Annual conference, Vallejo, CA, 10/94.

Kinzley C. “Restraint facilities and operant conditioning in large land animals.”

Presented at the AZA Western Regional Conference, Santa Barbara, CA 3/93.