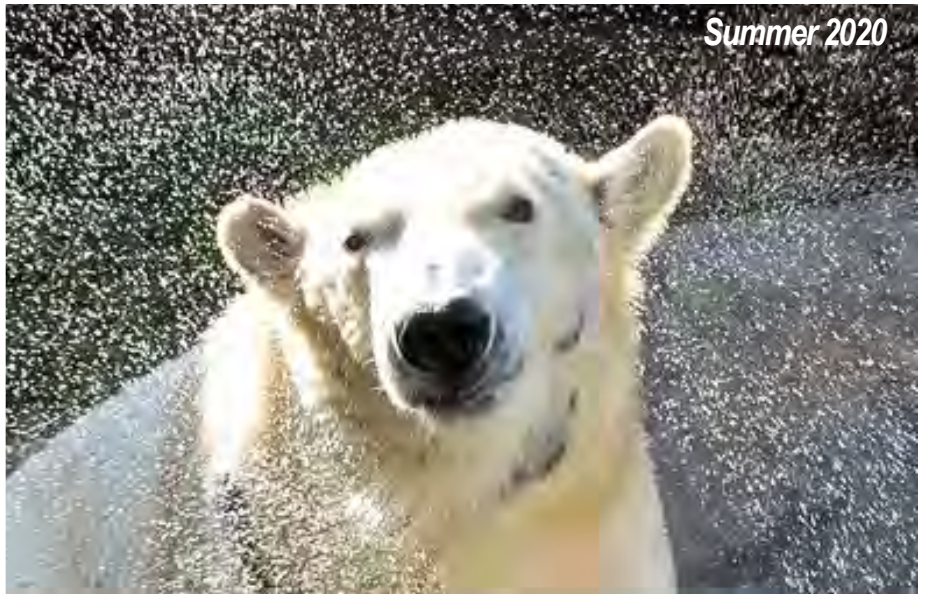
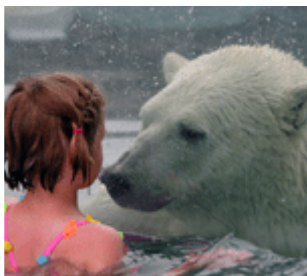
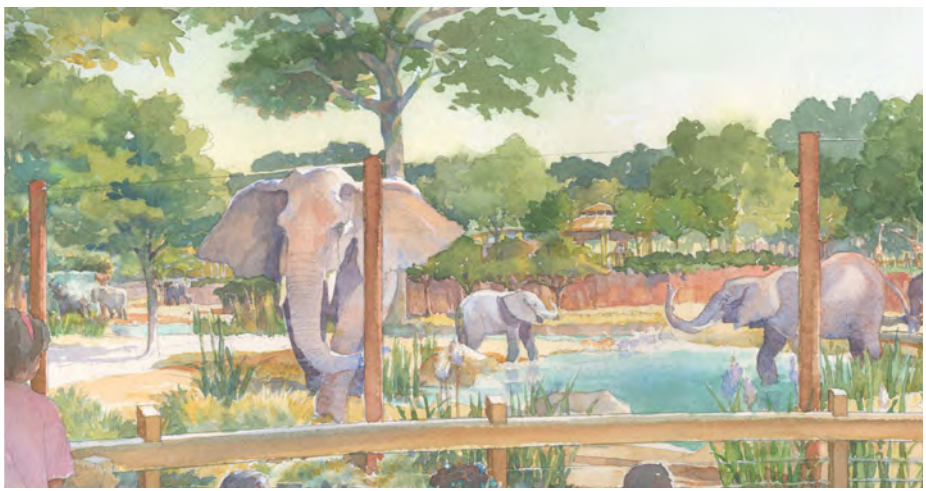


Volume I: Firm Description

Summer 2020



Ursa International • GETTING CLOSE TO WILDLIFE





FIRM PROFILE

Ursa offers strong leadership in planning and building tomorrow's species conservation/education facilities in Zoos, Museums, Aquariums, Botanical Gardens, Private Wildlife Reserves and Nature Centers, worldwide.

Ursa was established in 1994, drawing together the experience and passions of Nevin and Gail Lash. Nevin had spent ten years as Senior Associate/Landscape Architect at CLRdesign, Inc. where he was project manager on many of CLR's award winning projects. Gail Lash was the Zoo Biologist at Zoo Atlanta, where she coordinated the Zoo's construction projects for five years during the \$25 million redevelopment after over 10 years as a Zoo Keeper. Together they understand both sides of the zoo design experience and can lead effective projects.

We provide design and planning services to Zoological and Sanctuary facilities throughout the world. To date, we have worked on more than 50 projects in over 30 institutions in 13 countries. Each one has taught us how to provide optimal conditions for animal wellness. The animals peacefully coexist in social settings, with flexibility and access to a range of environments, allowing staff to provide the very best care for a wide range of taxa.

Ursa works with individuals, villages, towns, and cities to unite the human/ zoo community with both development and preservation of local natural habitats. Ursa is particularly skilled in implementing a "team approach" to achieve client's goals for complex projects. We collaborate with selected professionals, assembled from a wide range of disciplines, to maximize creativity and effectiveness.

Animal Wellness is a priority for us. With each new project a host of questions are asked; what can animals do in this habitat? How can we create a place for our animals to thrive? We are tasked with creating complex habitats with areas for animals to explore and find new ways to interact with their environment. Ursa works closely with animal staff to develop program and design criteria to be used to plan a facility that fits your staff's goals and objectives. As Landscape Architects and Biologists, we create projects that take into consideration all environmental constraints and seamlessly weave together the best qualities of your site with your program, to develop homes for animals to thrive.

Selected References

Please contact any of our previous clients for references:

*John Linahan
Zoo New England
617-989-2054*

*Dr. Terry Maple
Zoo Consultant
(formerly at Zoo Atlanta)
561-533-0887*

*Dr. Dwight Lawson
Oklahoma City Zoo
405.425.0230*

*Jon Coe
Exhibit Designer
Joncoedesign.com
+03 5962 1339*

Typical Ursa Scope of Work:

I. Concept Planning

A series of intensive on-site Workshops from Programming, to Concept Planning and Design to quickly determine a project's scope, budget and development program. Each workshop is summarized by a Workshop Manual that reviews the entire session's progress and points to the goals and objectives of the next workshop.

II. Master Planning

A series of intensive on-site Workshops from review of Concept Planning and Institutional goals and objectives. The Master Planning workshops look at Programming, Planning, Design and Design Development Phases to move quickly but comprehensively through the complex design issues of the project. Each of these workshops are summarized by a Workshop Manual, that reviews the entire session's progress and points to the goals and objectives of the next workshop.

III. Exhibit Design

The following represents some of the technical services that Ursa and our consultants will be responsible for during Exhibit Design Projects:

Biological Criteria Programming:

These include detailed program requirements for design criteria based on the biological and psychological needs of the specific animal. Behavioral enrichment, social needs, temperature requirements, as well as physical size and abilities of the animal are considered. USDA regulations and AZA recommendations are also considered in programming.

Habitat and Visitor Design:

These include interior/exterior animal landscapes and exhibit furnishings such as artificial rocks, caves, water features, trees, landscape simulation and nontoxic plant materials, substrates, and perches. Extensive scale modeling and detailed site sketching are required to provide direction for each special exhibit contractor. With the assistance from one of our consultants we offer Architectural Renderings and Artist Perspectives for fundraising efforts.

Animal Security Systems:

These include interior/exterior animal barriers, caging, doors, observation, and day-to-day management systems. Continually changing standards for keeper safety and animal welfare require more complex materials, equipment and layouts. This element requires considerable design time with keepers and trainers.





CONCEPT PLANNING

WHAT WE DO: CONCEPT PLANNING

Concept Planning starts with the institution - you, the client. While the director and staff have the training and experience to generate ideas, insight and in-depth understanding for the questions facing the institution, a facilitator is generally needed to bring the group to consensus and to document the product. Our workshop process has proven to be successful, in multiple institutions, and in several countries around the world, at doing just that. We can help you answer the question - What's Next?

We act as your "in-house" planning office: to work with your staff, to coordinate and facilitate information gathering group workshops, and to document the ideas and criteria for possible further development. We will work to gather ideas and feedback from a wide range of staff, with special meetings for special groups.

Once we have completed generating ideas, we facilitate consensus-building activities where the staff works together to agree on their ...next great thing! We use a variety of group activities that are designed to allow the Institution to acquire ownership of its ideas, and see them illustrated on their site.



CONCEPT PLANNING WORKSHOPS

Workshop based Design Process

Using a series of intensive on-site Workshops, from Blue Sky Visioning, Deep Water Analysis, Pre-Programming and Concept Design Phases, Ursa and the client team move quickly but comprehensively through the initial design process of a project.

Each of these workshops are summarized by a Workshop Manual, that reviews the entire session's progress and points to the goals and objectives of the next workshop. During the period between workshops, Ursa refines the planning documents and accurately depicts the design intent and concept. Ursa works with you to determine how many workshops are needed for your project's goals to be met. At the end of these workshops, we pull together a final report that can be used for a variety of promotional uses. Depending on the project, renderings or models can be assembled to visually represent the ideas to a wider audience.

While the Concept Plan is complete, the project needs further design and development to get it built (see Master Planning and Zoological Design pages). It will, however, answer the question - What's Next? and help you get the financial support you need to assemble a full design team to take it through construction.

Selected Concept Planning Projects:

- Zoo Atlanta, Atlanta, GA.
- African Savanna Expansion
 - Carnivore Complex
 - Parakeet Walkabout Aviary
 - KidZone Concept Plan
 - Rollins Children's Zoo
 - Warthog/Mongoose Exhibit
 - The Living Tree House
 - Komodo Exhibit
 - Outback Station

- Zoo New England, Boston, MA.
- Gorilla Management Plan
 - Tiger Exhibit 1 & 2
 - Black Bear Exhibit
 - Gibbon/Otter Exhibits

- Charles Paddock Zoo, Atascadero, CA .
- Concept Master Plan

- Rome Zoo "Bioparco", Rome, Italy
- Concept Master Plan
 - Brown Bear Exhibit
 - Great Ape Exhibit
 - Savanna Exhibit
 - Pygmy Hippo Exhibit

- Chimp Haven, Shreveport, LA.
- Concept Master Plans
 - Visitor Access Plan
 - Education Center

- North Carolina Zoological Park, Asheville, N.C.
- * Chimpanzee Exhibit
 - * Australian Outback
 - * Polar Bear Expansion

- The New Hope Zoo, Kingston, Jamaica
- Concept Master Plan
 - Phase I Concept Plan

- Cape May County Park/Zoo, N.J.
- Master Concept Plan
 - Concept Plan Update

- Roger Williams Park Zoo, Providence, RI
- Polar Bear and surrounding exhibits

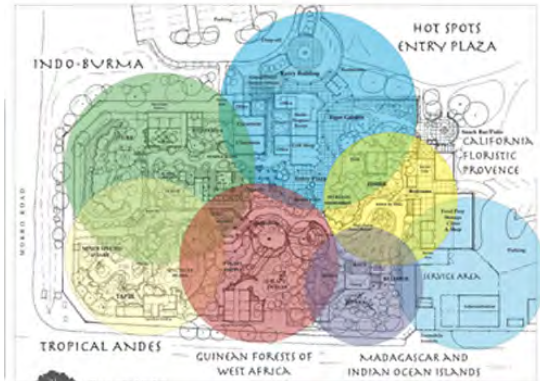
- Dian Fossey Gorilla Fund International, Ruhengeri, Rwanda
- Mountain Gorilla Visitor Center
 - Operational Headquarters

- Zoo Ljubljana, Ljubljana, Slovenia
- Chimpanzee Complex
 - Services Building/Vet Clinic
 - Brown Bear/Wolf Exhibit



MASTER PLANNING

WHAT WE DO: MASTER PLANNING



Master Planning requires the skills and input from a wide range of professional fields: owner's representatives in facility management and administration, research, fund-raising, visitor services, marketing, education, engineering and in zoological instances, animal management/husbandry professionals and veterinary sciences. As consultants, we count on experts in the field and the client to bring forward the needed criteria to make the plan fit the application. Using an interactive workshop format, Ursa weaves together all of the important elements to create individually tailored Master Plans for our clients.

Zoological Master Plans that we have managed:

Oklahoma City Zoo 2015-17
Oklahoma City, OK

Roger Williams Park Zoo (AZA), 2007
"North American Trail" Area Prov, R.I.

Brandywine Zoo (AZA) 2006
Wilmington, Delaware

Rome Zoo "Bioparco", 2001
Rome, Italy

Cape May County Zoo (AZA) 2006
Cape May Courthouse, NJ

Return to Hope Zoo, 2003 & 2012
Kingston, Jamaica

Charles Paddock Zoo (AZA) 2004
Atascadero, California

*Zoo Atlanta (AZA), 1986 & 2004+
Atlanta Georgia

Blue Hill Reservation, 2008
Boston, Massachusetts

*Birmingham Zoo (AZA), 1994
Birmingham, Alabama

Brook Run Nature Park, 2003
Atlanta, Georgia

*The Birmingham Ecoplex (AZA) 1994
Birmingham, Alabama

Cherokee Wildlife Park, 2006
Cherokee, North Carolina

*Los Angeles Zoo (AZA), 1992
Los Angeles, California

Chimp Haven, 1997 & 2012
Shreveport, Louisiana

*Chicago Zoological Park (AZA), 1993
"African Scenes" Chicago, Illinois

Zoo Ljubljana, 2007
Ljubljana, Slovenia

*Honolulu Zoo (AZA), 1991
"Tropical Forest Zone" Honolulu, Hawaii

* while Senior Associate with CLRdesign as Project Manager/Lead Design

PLANNING WORKSHOPS

Workshop-based Design Process with Client Team

A series of intensive on-site Workshops from Master Planning, Area Plans, Feasibility and Expansion Studies, and all phases to move the team quickly but comprehensively through the complex design issues of the project.

Each of these workshops are summarized by a Workshop Manual, which reviews the entire session's progress and points to the goals and objectives of the next workshop. During the period between workshops, Ursa refines the design documents and accurately depicts the design intent and concept, and coordinates with additional sub-contractors and the client design team throughout.



EXHIBIT DESIGN

WHAT WE DO: EXHIBIT DESIGN

Exhibit Design involves the detail planning and design for renovations to or new facilities for, a wide range of animals and their habitats. This involves site selection, analysis and site planning, as well as biological programming and determining appropriate sizes, barriers, exhibit features and countless other detail issues.

Ursa collaborates with other design team members to facilitate the creation of new exhibits for a wide range of institutions.

Bioparco/Rome Zoo

- Rome, Italy
- Italian Brown Bear
 - Great Apes

Brookfield Zoo

- Chicago, Illinois
- Giraffe/Kopje Exhibits*

Chimp Haven

- Shreveport, Louisiana
- Chimpanzee Habitats

Dallas Zoo

- Dallas, Texas
- Endangered Tiger Exhibit
 - Primate Row

Denver Zoo

- Denver, Colorado
- Primate Panorama*

Franklin Park Zoo

- Boston, MA
- Gorilla Exhibit Renovation
 - Siberian Tiger Exhibit
 - Aussie Aviary

North Carolina Zoo

- Asheboro, North Carolina
- Kabale Forest Chimp Exhibit
 - Australian Outback Exhibit
 - Polar Bear Expansion
 - Ocelot Exhibit

Polar Bear Sanctuary

- Cochrane, Ontario
- Swim with the Polar Bear

Oklahoma City Zoo

- Oklahoma City, OK
- Galapagos Tortoise walk-through
 - Andean Condor Cliffs

Riverside Discovery Center

- Scottsbluff, Nebraska
- Grizzly Bear Habitat

Stone Zoo

- Stoneham, MA
- Treasures of the Sierra Madre
 - Black Bear Exhibit
 - Otter/Gibbon Exhibit

Woodland Park Zoo

- Seattle, Washington
- Northern Trail*

Zoo Atlanta

- Atlanta Georgia
- Flamingo Pool*
 - Gorillas of Cameroon*
 - Masai Mara - Savanna Exhibits*
 - Orangs of Ketambe*
 - Tiger Forest*
 - Endangered Species Carousel
 - Norfolk Southern Train Station
 - KidZone Exhibits
 - Living Treehouse
 - Monkeys of Makakou
 - Komodo Dragon Complex
 - Warthog/Meerkat Exhibit
 - Boundless Budgies
 - Complex Carnivores
 - Elephant Savanna Expansion

* while Senior Associate with CLRdesign as Project Manager/Lead Design

DESIGN WORKSHOPS

A series of intensive on-site Workshops from Programming, Concept Design, Schematic Design, Design Development and Construction Documents Phases. We move quickly but comprehensively through the complex design issues to arrive at an approved Project, ready for bidding and Construction. Ursa works with design team members, usually from the local community to provide all animal related and themed landscape elements for the Project and helps to coordinate and confirm the design criteria is in the final documents.



Nevin Lash, ASLA, AZA Principal

HABITAT DESIGNER AND ANIMAL MANAGEMENT

Professional Registration:

Landscape Architect

- Commonwealth of Pennsylvania
- State of Georgia

Education:

Bachelor of Landscape Architecture, cum laude
University of Massachusetts
Amherst, Massachusetts

Professional Organizations:

- American Zoo and Aquarium Association
- American Society of Landscape Architects
- ZooLex, Zoo Design Organization

Publications:

Lash, N. 2001, " Zoo Design: Renovation" in The Encyclopedia of World Zoo's. Fitzroy Dearborn Publishers, Chicago.

Lash, N. 2001, " Zoo Gardens" in The Encyclopedia of World Zoo's. Fitzroy Dearborn Publishers, Chicago.

Lash, N. 1997, "Enclosure Design For Great Apes", American Society of Primatology Conference Proceedings, 1997

Ogden, J. J., Lash, N., Meller, L., and Wall, V. 1996, Gorilla Husbandry Manual, Design Chapter, Gorilla Species Survival Plan, Wildlife Conservation Society, Daniel Worton, editor. NY

Lash, N., Coe, J.C., 1992, "Landscape Design for Landscape Immersion", AAZPA Conference Proceedings 1992

Honors and Awards:

1989 AAZPA Exhibit Design Award:
Gorillas of Cameroon, Zoo Atlanta

1990 AAZPA Exhibit Design Award:
Masai Mara, Zoo Atlanta

1994 AZA Exhibit Design Award:
Habitat Africa!, Brookfield Zoo

1995 AZA Exhibit Design Award:
Northern Trail, Woodland Park Zoo

2004 ASLA Planning Award:
Brook Run Master Plan

2007 ASLA Planning Award:
Brandywine Zoo Master Plan

2009 BSLA (Boston Society) Planning Award:
Trailside Center Master Plan

2015 Atlanta Real Estate Award: Mixed Use
Zoo Atlanta's Grand Vision Concept Plan

Mr. Lash has over forty years of Environmental Planning and Landscape Architectural experience. During that time, he has been involved with projects ranging in scale from residential garden design, major corporate campus development, commercial and mixed-use planning to regional environmental assessments. During the ten years associated with CLRdesign, he specialized in the design of "landscape immersion" zoos. This experience brought together his interests in ecology, environmental education and conservation of natural resources with those of park planning and design.

While at CLRdesign, he was responsible for managing multi-million dollar projects as the prime contractor, supervising not only his own staff of five to ten professionals, but coordinating the efforts of the entire design team. To meet the needs of all users, zoo projects typically utilized special consultants including life support engineering, interpretive planning/design, and exhibit fabricators who need to be integrated into each project. He has developed knowledge of all facets of a project, including programming, animal holding criteria, cost estimating, project management, scheduling, as well as each discipline's scope of work. This has led to his success at keeping projects on-budget and on-time.

Mr. Lash has participated in Master Plans (with CLRdesign) for such zoos as Zoo Atlanta, Chicago's Brookfield Zoo and Lincoln Park, the Los Angeles Zoo, the Honolulu Zoo and Parc Tsimbazaza in Madagascar. He has also participated in the detail design and construction documentation of major exhibits such as Northern Trail, an Alaskan taiga exhibit at the Woodland Park Zoo in Seattle, an Asian Tropical Forest Exhibit in Honolulu, African Savanna Exhibits at Chicago's Brookfield Zoo and more, including all of the redevelopment of Zoo Atlanta; East African, West African and Asian exhibits, Visitor Services and Animal Facilities.

Since forming Ursa International with his wife and partner twenty five years ago, he has aimed at reaching a broader audience. Utilizing his skills in programming and design, he continues to work with other conservation-minded organizations to bring "landscape immersion" and environmentally sensitive planning into each project. As Ursa, Mr. Lash has received multiple commissions with the Rome Zoo, Dallas Zoo, North Carolina Zoo, Zoo Atlanta, Chimp Haven, Zoo New England as well as several other conservation organizations. He recently has completed work on several exhibits at Zoos including an expansion to the North Carolina Zoo's Polar Bear Exhibit which opened in 2015, and recently has completed work on the "Grand New View" exciting expansion of the Savanna Habitat at Zoo Atlanta to include Elephants, Giraffe and mixed African Savanna species. He is also working with Oklahoma City Zoo, where he completed a Master Plan Update and is now finishing up construction on several projects for Condor, Tortoise and Orangutan.

Mr. Lash has guest lectured at several settings including University of Massachusetts, University of Georgia, Georgia State, Georgia Tech and Emory University. He has also presented several papers at the annual meeting of the Association of Zoos and Aquariums, Brazil Zoo Association as well as the Society of Primatology.

Mr. Lash has traveled extensively around the world, and studied many varied ecosystems and their inhabitants (the flora, fauna and human populations). He believes that each project can incorporate a site's natural beauty, express a client's environmental ethic, treat animals humanely and with respect and successfully attract visitors.



Gail Y. B. Lash, Ph. D., AZA Principal

ECOTOURISM EXPERT/ZOO BIOLOGIST

Education/Degrees:

Spring 2003: Ph.D. in Economics and Policy of Forest Resources,
Minor in Anthropology, University of Georgia, Athens, GA.

Spring 1993: Master of Science in Technology and Science Policy,
Georgia Institute of Technology, Atlanta, GA.

Spring 1976: Bachelor of Science in Zoology,
Minor in Art/Design, Duke University, Durham, NC.

Professional Memberships & Roles

- The Forest Foundation – Board Advisor
- Association of Zoos and Aquariums – Advisor, Diversity Committee
- Association of Third World Studies
- Community Consultants – Technical Associate
- North American Association for Environmental Education
- The International Ecotourism Society – Research Associate
- * International Institute for Peace through Tourism – Spiritual Tourism Network Coordinator

Publications

Bruner, G. Y. and L. Meller, 1992. "Convergent evolution in design philosophy of Gorilla habitats," *International Zoo Yearbook* (1992) 31:213-221.

Bruner, G. Y., 1993. Evaluating a Model of Private-Ownership Conservation: Ecotourism in the Community Baboon Sanctuary in Belize. MS Thesis, Georgia Institute of Technology.

Forthman, D. L., McManamon, R., Levi, U. A., and Bruner, G. Y., 1995. "Interdisciplinary Issues in the Design of Mammal Exhibits (Excluding Marine Mammals and Primates)," IN *Captive Conservation of Endangered Species In Captivity: An Interdisciplinary Approach*, Gibbons Jr., E., Demerest, eds., SUNY Press.

Lash, G. Y. B. and A. D. Austin, 2003. REAP: Rural Ecotourism Assessment Program. A Guide to Working with Communities to Assess Ecotourism As a Tool for Sustainable Development. EplerWood International: Burlington, VT.

Lash, G. Y. B. and P. Black, 2005. Red Wolves: Creating Economic Opportunity Through Ecotourism in Rural North Carolina. Washington, DC: Defenders of Wildlife.

Lash, G. Y., A. K. Smith and C. Smith, 2010. Domestic Tourism and Peace: the Atlanta Peace Trails Experience. In *CAB International, Tourism, Progress and Peace* (eds. O. Moufakkir and I. Kelly), p. 118-133.

Staff or Guest Teacher

University of Georgia, Athens	Kennesaw State University
Horizon Center	Living Foods Institute
Performing Arts Program for Youth	Girls Outdoor Action Leadership
Georgia Teens Institute	Atlanta Peace Trails
Tourism For Peace	

Dr. Gail Lash is a biologist, zoo design consultant, ecotourism planner, peace teacher and writer. She uses her organizational, analytical and people skills for community development and global peace work. Her biological, animal behavior and economic policy background is used to create environmentally and culturally sensitive developments which conserve natural ecosystems while enhancing the lives of people close to the land.

Since forming Ursa International in 1994 with her husband (zoo designer/landscape architect), Nevin Lash, Gail brings to the company her knowledge of captive animal husbandry, behavioral design criteria, her skills in evaluation and research design, international tourism development, and peace principles and components. Her zoo design work has taken her to Italy, Slovenia, Jamaica and the USA.

Gail worked from 1991 to 2006 in ecotourism planning, specializing in community-based ecotourism development and natural resource economics of communities in and near private and public forest reserves and parks. Working with individuals, community focal groups, and national/international agencies, Gail facilitated participatory consensus of community goals and developmental options to uplift human spirits, economies, and the natural environment. She is still available for consultation in these areas – and is concentrating mainly on peace work since 2003 to now. Her ecotourism and peace work has taken her to Madagascar, Belize, Indonesia, Ecuador, Brazil, Panama, Costa Rica and USA. She has presented at conferences in USA, Belize, Ecuador, Thailand, Brazil, South Africa and The United Nations.

Previous to Ursa, Gail worked thirteen years as zoo staff: eight years as an Animal Keeper at Houston Zoological Gardens and Los Angeles Zoo with many species, and five years at Zoo Atlanta as a Biologist coordinating the design and construction of naturalized habitats for zoo animals and visitors.

Additionally, her theatrical experience has contributed to the design of creative and interactive interpretations of conservation concepts for the general public. Using her training in theater, Gail has written and acted in conservation and peace skits, and has given many conservation education and peace talks to students and the general public.

Gail's Ph.D. dissertation, "Sustaining Our Spirit, Ecotourism on Privately-Owned Rural Lands and Protected Areas", along with some of her ecotourism reports, are available for download on Ursa's Publications page.



PROJECT EXPERIENCE

Ursa International, 1994 to present

Selected Projects

Bioparco Rome Zoo, Bioparco Sp.A, Rome, 1999-2001
Master Plan, Bear Exhibit, Great Ape Exhibit, Rome, Italy
Prime Contractor with Bessio Studio, Rome
Budget: Planning and Design Only

Blue Hills Reservation, Boston, MA. 2008
Trailside Center and Wildlife Park Master Plan
Project Budget: \$17,300,000

Brandywine Zoo, Delaware Parks Department, 2005-2006
Master Plan, Wilmington, Delaware
Consultant to MESA Landscape Architecture
Planning Budget: \$24,000,000

Brook Run Nature Park, Dunwoody Trust, 2002-2003
Master Plan, Atlanta, Georgia
Consultant to EDAW, Inc., Atlanta
Planning Budget: \$32,000,000

Cape May Zoo, Cape May County Parks Department, 2004-2006
Master Plan, Phase I projects, Cape May, New Jersey
Consultant to Atlantes Architects, Philadelphia
Planning Budget: \$65,000,000

Charles Paddock Zoo, Zoological Society, 2004
Concept Master Plan, Atascadero, California
Prime Contractor
Planning Budget: \$24,000,000

Chimp Haven Sanctuary, Chimp Haven, Inc., 1997-2019
Concept Plans, Master Plans, Implementation Plans, Phase I, II & III,
Shreveport, Louisiana
Prime Contractor & subconsultant to Perkins + Will, Houston, TX
Construction Budget: \$20,000,000 and growing

Dallas Zoo, City of Dallas Parks Department, 1996-1998
Tiger Exhibit, Primate Row, Dallas, TX
Consultant to F&S Architects, Dallas, TX
Construction Budget: \$4,500,000

Duke Primate Center, Duke University, 1998-1999
Winterization Concept Plan, Durham, North Carolina
Prime Contractor
Budget: Planning and Design Only

Karisoke Research Center, Dian Fossey Gorilla Fund Int', 2003-2010
Facility Concept Plans and Programming, Ruhengeri, Rwanda
Planning Budget: \$10,000,000

Murouj Farm, Kuwait City, Kuwait
Sahara Country Club and Retail Center 2020-present
Petting Farm and Children's Adventure Park
Prime Contractor
Planning and Design Only

North Carolina Zoo, Asheboro, NC, 1996-1999
Chimpanzee Exhibit and Conservation Holding
Consultant to TRP Architects, Greensboro, North Carolina
Construction Budget: \$2,500,000

North Carolina Zoo, Asheboro, NC, 2007-2014
Polar Bear Expansion Concept Plan
Prime Contractor for Concept, Consultant on Design
Construction Budget: \$8,500,000

Oklahoma City Zoo, Oklahoma City, OK, 2014-2018
Old Zoo Re-development Plan
Picnic Area Concept Plan
Master Concept Plan for all Zoo Property (\$71M plan)
Tortoise and Condor Exhibit Plans
Amphibian Plaza Concept Plan
Prime Contractor and collaborator
Construction Budgets: range from \$550K to \$3.6M

Presidential Palace at Iavoloha, Conservation International
Vitrine de Madagascar Concept Plan, 2007
Prime Contract
Planning Budget: \$6,000,000

Polar Bear Conservation Center, Town of Cochrane, 2002
Concept Plan, Phase I Design, Cochrane Ontario
Consultant to ANO Architects, Timmons, Ontario, Canada
Construction Budget: \$4,000,000

Roger Williams Park Zoo, Zoological Society 2005
North American Trail Master Plan, Providence, R.I.
Prime Contractor with EDAW, Inc.
Planning Budget: \$14,500,000

Seminole Village, Hard Rock Casino, Seminole, 2004-2005
Animal Programming, Fort Lauderdale, Florida
Consultant to Morris Architects, Orlando, Florida
Budget: Planning and Design Only





PROJECT EXPERIENCE

Ursa International

Selected Projects (continued)

Save the Chimps, Ft. Pierce, Florida

Aborality Project

Prime Contractor

Planning Budget: Planning and Design Only

Uganda Wildlife Education Center, Uganda Wildlife, 1998

Concept Plans, Entebbe, Uganda

Prime Contractor with North Carolina Zoo

Planning Budget: Planning and Design Only

White Oak Flats, Eastern Band of the Cherokee, 2005-2006

Concept Plan, Business Plan, Cherokee, North Carolina

Prime Contractor

Planning Budget: \$45,000,000

Zoo Atlanta, Atlanta, Georgia, 1994 - 2019

Savanna Expansion/Grand New View, 2019

Splash Fountain, 2013

Trader's Alley, 2011

Complex Carnivores, 2010

Boundless Budgies and Bird Management Area, 2008

Warthog/Meerkat Exhibits, 2007

Komodo Dragon Exhibit, 2005

KidZone Master Plan, 2004

The Living Treehouse, 2004

Rollins Family Children's Zoo, 2003

Norfolk Southern Train Depot/Plaza, 1997

Endangered Species Carousel House, 1997

Entry Plaza Trellis, 1996

Egleston's Wash Station, 1996

Monkeys of Makokou Expansion, 1995

Orangutans of Ketambe Renovation, 1994

Prime Contractor /Consultant to Robert and Co. and Epsten Group

Construction Budget: Range from \$50,000 to \$50M

Zoo Ljubljana, Ljubljana, Slovenia, 2005-2007

Chimpanzee Exhibit Concept Plan, Master Plan,

Concept Plans for Clinic/Services, Bear/Wolf Exhibit.

Prime Contractor, Planning only

Zoo New England, Boston, MA, 2002-2010

Treasures of the Sierra Madre Exhibit (Stone Zoo), 2002/3

Gorilla Management Plan, (Franklin Park Zoo) 2005/6

Tiger Exhibit, (Franklin Park Zoo) 2003-2006

Black Bear and Otter Exhibit, (Stone Zoo) 2008

Gibbon Exhibit (Stone Zoo) 2009

Aussy Aviary, (Franklin Park Zoo) 2010

Prime Contractor & Consultant to Perkins+Will, Boston

Construction Budgets: \$140K - \$3,600,000 range

Ursa International • P.O. Box 78 • Santa Elena, Cayo, Belize



+501-675-9595 • www.ursainternational.org

CLRdesign, Inc. 1986-1994

121 North Broad Street, Philadelphia, PA. 19107

215-564-0250 (Jon Coe, Gary Lee, Rodney Robinson)

Senior Associate

Selected Projects

Birmingham Zoo and Birmingham Ecoplex, 1993-1994

Master Plan, Birmingham, Alabama

Prime Contractor, Project Manager/ Landscape Architect

Budget: Range \$25M for Zoo to \$85M for Ecoplex

Brookfield Zoo, Zoological Society, 1990-1993

Habitat Africa! Exhibit Chicago, Illinois

Prime Contractor, Project Manager/ Landscape Architect

Construction Budget: \$8,000,000

Denver Zoo, Denver Zoological Society, 1990-1994

Primate Panorama Exhibit, Denver, Colorado

Prime Contractor, Project Manager/ Landscape Architect

Construction Budget: \$15,000,000

Honolulu Zoo, Honolulu Zoo Society, 1989-1991

Tropical Forest Exhibit, Honolulu, Hawaii

Prime Contractor, Project Manager/ Landscape Architect

Budget: \$10,500,000

Los Angeles Zoo, City of Los Angeles, 1991-1992

Master Plan, Los Angeles, California

Prime Contractor, Project Manager/ Landscape Architect

Budget: \$100,000,000

Seneca Park Zoo, Rochester Country Park, 1992-1994

Rocky Coast Exhibit, Rochester, New York

Prime Contractor, Project Manager/ Landscape Architect

Construction Budget: \$8,500,000

Woodland Park Zoo, City of Seattle Parks, 1988-1994

Northern Trail Exhibit, Seattle, Washington

Prime Contractor, Project Manager/ Landscape Architect

Construction Budget: \$5,500,000

Zoo Atlanta Redevelopment, Atlanta, GA 1986-1992

Master Plan 1986, Entry Plaza, 1987

Gorillas of Cameroon Exhibit, 1988

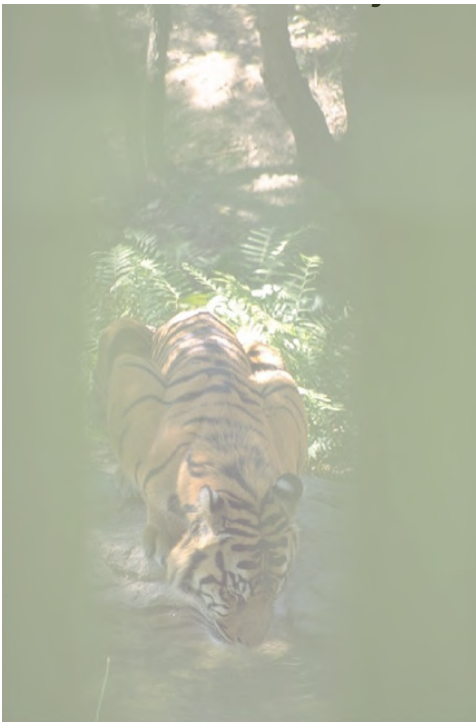
Orangutans of Ketambe Exhibit, 1989

Massai Mara Exhibit, 1990

Monkeys of Makokou and Tiger Forest Exhibits, 1992

Prime Contractor, Project Manager/ Landscape Architect

Construction Budget: \$25,000,000 public/private funding



Ursa International • GETTING CLOSE TO WILDLIFE

