



# Friends of Peninsula State Park, Inc.

## RESEARCH GRANT

### SUGGESTED RESEARCH TOPICS

#### **Natural Resources**

Amphibia Inventory – *Research grant awarded 2012*  
Bat Surveys, Including Migration and Hibernation Along the Niagara Escarpment  
Black Ash Swamp Flora and Fauna, including Emerald Ash Borer Beetle  
Breeding Fish Inventory  
Deer Exclosure Study – *Research grant awarded 2011*  
Dragonfly and Damselfly Inventory  
Effects on Species Diversity and Hydrology from Causeway Structures at Weborg Marsh  
Grasses, Sedges and Rushes Inventory at Weborg Marsh  
Habitat Comparison of Yellow Lady's-Slippers (*Cypripedium parviflorum var.*)  
Lake Iris (*Iris lacustris*) Plot Study – *Research grant awarded 2013*  
Niagara Escarpment Ferns and Fern Allies Inventory  
Niagara Escarpment Plant Diversity, Including Presence of Invasive Species  
Reforestation Following Removal of Diseased Trees

#### **Cultural Resources**

Charles E. Brown Papers (1889-1945) Survey with Emphasis on Peninsula and Simon Kahquados  
Comparison of Existing Trails System to Historic Trails (post 1909)  
Compositional Analysis of Ceramic Materials from Shanty Bay – *Research grant awarded 2012*  
GPS Mapping of Historical Features  
Plat Maps and Historic Land Use Records Survey  
Art and Artists Associated with Peninsula State Park Study

#### **Recreation**

Bicyclist Demographics and Trail Improvements  
Effects of Species Diversity at High Recreational Use Sites  
Seasonal Trail System Use Study  
Sunset Bicycle Trail Design, Use and Safety Needs Review  
Training Methods for Front-Line Staff Study

#### **Visitors and Use**

Camper Demographics and Amenities Survey  
Cost/Benefit Analysis of Electric Sites  
Educational Program Participation Records Analysis  
Investigation of Impact of Camping on Familial Relationships  
Nature Center Visitor Demographics and Interests Survey  
Park Visitation and Carrying Capacity Analysis During High Use Months  
Visitor Feedback Survey

#### **Safety**

Air Quality Monitoring in Campgrounds  
Park Signage Study with Emphasis on Visitor Orientation, Rules and Regulations, and Safety  
Pets and Campgrounds Communication Methods Analysis

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