

# Children and Nature Initiative **Prescriptions for Outdoor Activity**

Our children are suffering from a variety of chronic health conditions such as obesity and asthma. Research indicates that unstructured outdoor activities may improve children's health by increasing physical activity, reducing stress, and serving as a support mechanism for attention disorders. The National **Environmental Education** Foundation's (NEEF) Children and Nature Initiative is taking action for children's health by addressing two important issues:



- Preventing serious health conditions like obesity and diabetes
- Connecting children to nature

NEEF is educating pediatric health care providers about prescribing outdoor activities to children and connecting health care providers with local nature sites so that they can refer families to safe and easily accessible outdoor areas.













## **Nature Champions**

- NEEF is building capacity among pediatric health care providers by creating Nature Champions who train other health care providers about prescribing nature.
- The health care providers refer families to parks or nature centers in their communities where NEEF's partners provide active nature programming.
- NEEF's nature partners include:
  - National Audubon Society
  - National Park Service
  - o U.S. Forest Service
  - U.S. Fish and Wildlife Service

A Program of National Environmental

Education Foundation Knowledge to live by

#### **Tools and Resources**

Nature

for Better Health!

- Prescription Pad: for health care professionals to "prescribe" nature (English and Spanish)
- Patient Brochure: connecting families to a local nature site (English and Spanish)
- Pediatric Environmental History Form (English and Spanish)
- Fact Sheet: highlights of current scientific literature on the importance of time in nature to children's health
- Children & Nature Infographic
- Nature Champion Training PowerPoint
- **NEEF's study** "Using Nature and Outdoor Activity to Improve Children's Health" (Published in *Current Problems in Pediatric and Adolescent Health Care* 2010;5:102-117.)

### www.neefusa.org/health/children\_nature

### **Children and Nature Advisory Committee**

- Janet Ady- U.S. Fish and Wildlife Service
- Sophie Balk, MD- Children's Hospital at Montefiore, New York
- Stephanie Chalupka, EdD, RN, PHCNS-BC, FAAOHN- Worcester State College, Massachusetts
- Amy Chanlongbutra, MPH- LCDR, U.S. Public Health Service, National Park Service
- Jean Sheerin Coffey, PhD, CPNP- Essex Pediatrics/University of Vermont, National Association of Pediatric Nurse Practitioners
- Mark Cucuzzella, MD- West Virginia University/Harpers Ferry Family Medicine
- Ruth Etzel, MD, PhD- George Washington University, District of Columbia
- Joel Forman, MD- Mount Sinai Medical Center, New York
- Catherine Karr, MD, PhD- University of Washington
- Dee Merriam, FASLA- Centers for Disease Control and Prevention

 Evelyn Montalvo Stanton, MD- Pediatric Pulmonary Medicine/University of Medicine and Dentistry of New Jersey, National Hispanic Medical Association

**FACT SHEET** 

CHILDREN'S HEALTH AND NATURE

- Deborah Pontius, RN, MSN, NCSN- Pershing County, NV School District, National Association of School Nurses
- Chuck Remington- *National Audubon Society*
- James Roberts, MD, MPH- Medical University of South Carolina, American Academy of Pediatrics
- Bonnie Rogers, DrPH, COHN-S, LNCC- *University* of North Carolina at Chapel Hill
- Safiya Samman- U.S. Forest Service
- James Subudhi- WE ACT for Environmental Justice
- Myrtis Sullivan, MD, MPH- Illinois Department of Human Services, National Medical Association
- Lois Wessel, CFNP- Association of Clinicians for the Underserved
- Nsedu Obot Witherspoon, MPH- Children's Environmental Health Network



The goal of the **Health & Environment Program** is to advance environmental knowledge among health professionals to improve the public's health with a special emphasis on children and underserved populations.



At the **National Environmental Education Foundation**, we provide knowledge to trusted professionals who, with their credibility, amplify messages to national audiences to solve everyday environmental problems. Together, we generate lasting positive change.