

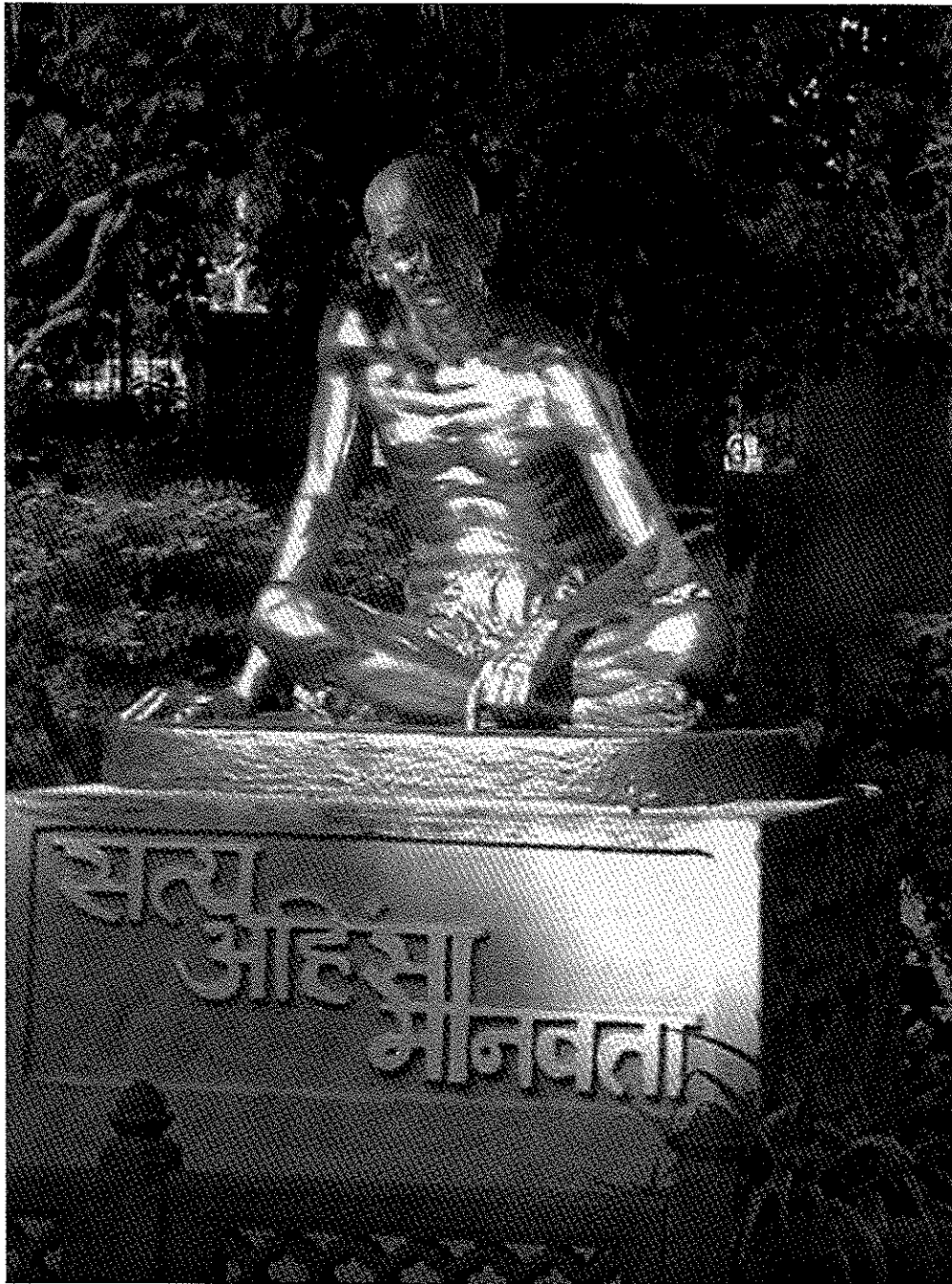
PAEE JOURNAL

The Journal of the Pennsylvania Alliance for Environmental Education

Vol. 11 No. 2

RD 1 Box 325, Discovery Road, Petersburg, PA 16669, 814-863-2000

Fall/Winter 2003



*"To forget how to dig the earth and tend
the soil is to forget ourselves."*

~ Gandhi ~

INSIDE

PAEE JOURNAL CONTENTS

President's Message	1
Community IPM Program in Pennsylvania	1
PAEE NEWS	
PAEE Welcomes New Executive Director Patrick Naugle	2
"Wild in the Woods - An Adventure with Nature"	2
Conference Time! PAEE -- A Watershed Year	3
Watershed Websites	3
"Asbury Woods Nature Center's Pedestrian Bridge Site and Streambank Restoration"	4
Update* of the Intergenerational Program at Shaver's Creek Environmental Center	5
PROFESSIONAL DEVELOPMENT	
Watershed Education Teacher Courses	6
Also from DCNR	7
Pocono Environmental Education Center	9
Pennsylvania Institute for Conservation Education	9
The Schuylkill Center for Environmental Education	9
Saint Vincent College	10
The Academy of Natural Sciences in Philadelphia	11
TEACHER PAGE	
Journey to Mars	12
"Bring Out Your Dead: Using Wildlife Specimens in Public Education"	15
Lunar Eclipse Coming	16
Is There Mine Drainage Impacting Your Stream?	17
REESOURCES	
The Volvo Adventure Environmental Award	28
Higher Education Programs in Pennsylvania Colleges	29
GLOBE What is the Globe Program?	30
2003 PAEE Award Nomination	31
PAEE Membership Application	32

PAEE JOURNAL

The **PAEE Journal** is published regularly by the Pennsylvania Alliance for Environmental Education. Individuals or organizations are encouraged to submit suggestions, ideas, articles and items for the calendar of events to the PAEE office. Please note, all submissions must be typed and are preferred emailed but can be mailed or faxed to the PAEE office.

MISSION STATEMENT

The mission of the Pennsylvania Alliance for Environmental Education, Inc. (PAEE) is to promote environmental education activities and efforts throughout the Commonwealth of Pennsylvania. The ultimate outcome of such a mission is a citizenry that understands and appreciates its relationship to the natural world, recognizes and accepts responsibility for their impact upon natural systems, and is motivated to take positive action to solve environmental problems.

Six different categories of membership are available through PAEE:
 Student—\$20.00 Individual—\$30.00 Affiliate—\$75.00
 Contributing—\$100.00 Donor—\$500.00 Patron—\$1,000.00
 Each category of membership receives the **Journal**.

PAEE, C/O Shaver's Creek Environmental Center
 The Pennsylvania State University, RD 1 Box 325,
 Discovery Road, Petersburg, PA 16669
 Telephone (814) 863-2000, Fax (814) 865-2706
 Visit our WEB site at <http://www.paee.org>

2003 PAEE BOARD OF DIRECTORS

PRESIDENT

Jay M. Gregg (SE)
 Education Director
 CCWA/Paradise Farm Camps
 1300 Valley Creek Road
 Downingtown Road
 Downingtown PA 19335
 phone: 610-269-9111 x202
 fax: 610-269-3646
 email: jay@paradisefarmcamps.org
 website: www.paradisefarmcamps.org

VICE-PRESIDENT

Roy Boyle (SC)
 Pennsylvania State University
 173B Chambers Building
 University Park, PA 16802
 phone: 814-865-2197
 fax: 814-863-7602
 email: rab304@psu.edu

TREASURER

Pat McKinney "Porcupine Pat" (NE)
 Schuylkill Conservation District
 1206 AG Center Drive
 Pottsville, PA 17901
 phone: 570-622-4124 x113
 fax: 570-622-4009
 email: porcupinepat@yahoo.com

SECRETARY

Kathleen Geist "Kathleen" (SE)
 Program Coordination
 Delaware Valley Earth Force
 100 Greenwood Avenue
 Wyncote, PA 19095
 phone: 215-884-9888
 fax: 215-884-9895
 email: kathleen.geist@verizon.net
 website: www.earthforce.org

PUBLICATIONS DIRECTOR

Judith Gratz (SE)
 Director of Environmental Education
 Wissahickon Valley Watershed
 Association
 12 Morris Road
 Ambler, PA 19002
 phone: 215-646-8866 x13 (w)
 phone: 215-997-1063 (h)
 email: weitzhuis@comcast.net (h)

PUBLIC RELATIONS DIRECTOR

Mike Snyder (SC)
 American Water Works Association
 1309 Bridge Street, Lower Level
 New Cumberland, PA 17070
 phone: 717-774-8870 x102
 fax: 717-774-0288
 email: mikesnyder@pawwa.org

SC REGION DIRECTOR

Heidi Boyle
 *Work Contact Information
 Canoe Creek State Park
 RR2 Box 560
 Hollidaysburg PA 16648
 phone: 814-695-6807
 fax: 814-696-6023
 email: hboyle@state.pa.us
 email: batboyle@hotmail.com

NE REGION DIRECTOR

Sioux Baldwin Petrow
 Consultant, Freelance Env. Ed.
 P.O. Box 192
 Harford PA 18823
 email: sioux@nep.net

SE REGION DIRECTOR

Deborah Hemphill
 Tyler Arboretum
 515 Painter Road
 Media PA 19063-1134
 phone: 610-566-9134 x218
 email: educators@tylerarboretum.org

Positions open and needing volunteers for one year:

LEGISLATIVE DIRECTOR

MEMBERSHIP DIRECTOR
NW REGION DIRECTOR
 (former Region 1)
SW REGION DIRECTOR
 (former Region 2)
NC REGION DIRECTOR
 (former Region 3)

REGIONS BY COUNTY

NW Region includes Clarion, Clearfield, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren counties.
SW Region includes Allegheny, Armstrong, Beaver, Butler, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland counties.
NC Region includes Bradford, Cameron, Center, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union counties.
SC Region includes Adams, Bedford, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Mifflin, Perry and York counties.
NE Region includes Carbon, Lackawanna, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming counties.
SE Region includes Berks, Bucks, Chester, Delaware, Lancaster, Lebanon, Lehigh, Montgomery and Philadelphia counties.

Cover: Mohandas K. Gandhi lived what he believed and encouraged others to do the same. When he visited a museum in India built in his honor, he observed that the museum should not be a static picture of the techniques that can improve village life but should be a dynamic center of education to impart information on new modes of production that could help the poor of the land. The museum director took up the job of creating that which Gandhi envisioned. One goal is teaching Organic Farming. The museum's institute gives training and demonstrations in organic farming using up-to-date knowledge and appropriate technology. The institute sells herbal and medicinal plants and fruit trees and also runs a shop that sells organic vegetables, grains & other products procured from the organic farmers of nearby regions.

Message From the President

By Jay Gregg, 2003 PAEE President

Autumn, my favorite time of year, is a time to use the energy renewed over the Summer to push forward on new projects and refocus existing ones. PAEE is doing just that.

Roy Boyle and I recently represented PAEE at the Governor's Institute for Environment and Ecology. We tapped into an energetic group of teachers, and came away with more than 60 new members! We welcome them to the statewide professional organization for environmental education. PAEE looks forward to serving all members, and joining with you to support the study of Environment and Ecology throughout the Commonwealth.

PAEE is in the midst of a development study to help us identify ways to serve our members, attract new members and supporters, and build the capacity of the organization to fulfill its mission. Some of you may already have been asked to contribute your thoughts into this study. Your input is critical to PAEE's growth and development, and is greatly appreciated. As always, please let the Alliance know what it can do to support you and the environmental education efforts in which you are involved.

Our new headquarters operation continues to come together well. Joann Voigt and Mark McLaughlin have done a superb job of helping us settle in at Shaver's Creek Environmental Center, and we are looking forward to centralizing more and more of our operations at SCEC, and developing partnerships that will benefit both our organizations.

Please take a few moments to read about Pat Naugle in this issue of The PAEE Journal. Pat will be a key part of PAEE's

growth and development, and we are excited to have him with us.

Looking ahead, Conference 2003 is going to be a fantastic event. You can expect new exhibitors, a wide range of presenters from across Pennsylvania and several other states, and good practical thoughts from Keynote Speaker Fred Wilson on starting and running inquiry based, student-centered environmental education programs. Throw in field studies, a bluegrass concert, great meals eaten with compostable flatware and a great group of professionals sharing and having fun together, and this is a can't miss event! See you in Altoona!

You will find a Call for Award Nominations in this issue of The Journal. Please think about the exemplary professionals and programs you work with, and clip out the form to nominate them for recognition. PAEE Awards not only recognize excellence, but also encourage excellence through sharing.

You have recently or will soon be receiving annual election materials. Please take advantage of this opportunity to choose the leadership of your professional Alliance. Members are encouraged to nominate themselves for PAEE leadership positions, as well as to nominate others.

Finally, I encourage you to enjoy Autumn. Take advantage of warm days in late September. Take an October afternoon to enjoy the changing leaves in your backyard and to watch migrating birds carry out their annual ritual. Be a part of the constant renewal of the world around us all.



Community IPM Program in Pennsylvania

Well-designed community IPM models, such as those currently in practice in Michigan under the direction of Mr. Larry Swain are effective due to the sense of ownership, empowerment and good stewardship they encourage. Michigan community groups such as Parents Together and Growth and Afrocentric Program (G.A.P) have been able to bring IPM awareness to the community at large by combining existing outreach programs, resident advocacy, and student-run activities (www.pested.msu.edu).

Recently, PA IPM started a community outreach initiative based in Philadelphia. The objective of this program is make indoor and outdoor environments safer through the adoption of safer pest control techniques. Teresina Bailey was hired as Community IPM Outreach Coordinator for Philadelphia County in November 2002. There has been networking to generate new partnerships involving safer pest control through Integrated Pest Management, K-12 environmental education, and community outreach. On March 25, 2003, an introductory meeting and brainstorming session was held to determine the

PAEE JOURNAL 2003



Al Backey, Pat Bobo (Parents Together) and Larry Swain (MI Dept. of Ag) developed a neighborhood IPM Project in Michigan.

next steps to accomplish these goals. Representatives from over 15 agencies, non-profits and local groups were present.

This meeting, the first of many, identified several key avenues for action. The products of the partnership between PA IPM and Philadelphia partners may include student-run service learning, teacher trainings, publicity, funding drives, and urban greening/clean-up projects.

For more information about the Community IPM Program in Pennsylvania, contact Tere Bailey at tab124@psu.edu or (814) 883-7347.



