

DELAWARE GEOGRAPHIC ALLIANCE

NEWSLETTER

Published by the Delaware Geographic Alliance:
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Editors: Cheri Bragg and Peter Rees

GOVERNOR PROCLAIMS GEOGRAPHY AWARENESS MONTH

Other states and the nation may have Geography Awareness Week, but in Delaware Governor Michael N. Castle's enthusiasm for the subject prompted him to proclaim Geography Awareness Month in our state. The site chosen for the event was the farm of Lester and Catherine Killen in Felton, located at the approximate geographic center of the state. Standing in the middle of a sorghum field on the afternoon of November 28, surrounded by the children of the Killen family holding Delaware and U.S. flags, and with local TV cameras rolling, the Governor read and signed the proclamation, which he then presented to the Delaware Geographic Alliance. Those in attendance included Cheri Bragg/W.T. Chipman Jr. High, who together with Representative Bobbie Quillen organized the event, Representative Jerry Buckworth, Alliance coordinators Lewis Huffman and Peter Rees, and Shirley Jarrell/Caesar Rodney Jr. High, whose class this summer investigated the state's geographic center. Cheri Bragg thanked the Governor on behalf of the Alliance and presented him with a bumper sticker which read: "Without Geography, You're Nowhere."

Alliance activities and people received considerable publicity during Awareness Week. The *NEWS-JOURNAL* featured a long article on the Alliance, and the special class-

room activities of Mary Alice Aguilar/Redding Middle School, which included a "Geography Wear-In" involving more than 400 students and staff who wore T-shirts featuring different locations throughout the world. The Middletown *TRANSCRIPT* carried a photo of some of the students wearing their geographical attire. The *NEWS-JOURNAL* also ran a front page photo of Shirley Jarrell and art teacher Raymond Gatti/Caesar Rodney Jr. High standing beside a 33 by 13 foot map of Delaware, painted on the school parking lot in bright yellow. The map will be used as a teaching tool throughout the year, and will have places added as students learn more about each part of the state. A photo of the map also appeared in the *DELAWARE STATE NEWS*.

The November 1989 issue of the DSEA newsletter *ACTION* carried a full-length feature on the Alliance, while the University of Delaware *REVIEW* ran a full-page ad containing an informative geography quiz which asked: "Are You World-Wise?"

The Alliance distributed to teachers over 2000 Delaware wall maps as part of its MAP DELAWARE! campaign. We have tried to fulfill your requests as soon as possible but with only a part-time staff, it has taken time. If you do not have your copy, please be patient. If you haven't yet requested your copy, please do so! Just write to us at the address on the masthead and tell us your school and the grade you teach.

POLICY BOARD FORMED

As part of the Alliance organization, a policy board has been formed composed of representatives appointed by the Superintendents of each school district. To date, this year's members, their school, and the district they represent are: Tom Neubauer/Middletown High School/Appoquinimink; Carole Bigelow/Burnett Jr. High/Brandywine; William Hutchinson/Central Middle School/Capital; Nick Foery/Lewes Jr. High/Cape Henlopen; Clyde Tisinger/District Office/Caesar Rodney; Michael Eppler/Christiana High/Christina; Paul Weldin/George Read Middle/Colonial; William Fowler/Delmar Jr/Sr High/Delmar; Susan Boving/Sussex Central Jr. High/Indian River; Cheri Bragg/W.T. Chipman Jr. High/Lake Forest; Michael Bickerton/Laurel Middle/Laurel; Pamela Kelly/Milford Middle/Milford; Victoria Gehrt/District Office/New Castle Voc-Tech; Charles Brogdon/District Office/Red Clay; Mellie Joseph/Seaford High/Seaford; Todd Seelhorst/Smyrna High/Smyrna; and Charles Parks/District Office/Woodbridge.

The Policy Board, which meet twice a year, will give guidance and approve the overall plans and activities of the Alliance. The Board members will also provide direct communication between the Alliance and each district. Feel free to contact your representative with ideas or opinions.

CORRECTIONS

Any respectable publication has a corrections box...and we wasted little time needing one! In the first issue of the NEWSLETTER we should have included David Slater/Brandywine High School, as a member of the committee which met last summer to construct the 10th grade geography assessment instrument. Our apologies for the omission.

There were also a number of errors in the lesson "Getting To Know Our State." Please note the following corrections to the Key on page 8:

- | | |
|--------------------------|---------------|
| 4. St. Jones | 8. Gumboro |
| 13. delete Williamsville | 16. Marydel |
| 17. & 20. Willing Grove | 21. Holly Oak |

Thanks to an alert reader for picking up these errors!

BALLOON GLOBES A GEOGRAPHY LESSON PLAN

BY HARVEY JOHNSON
(CAESAR RODNEY JR. HIGH SCHOOL)

OBJECTIVE:

Students will observe the difficulty of map projections and area distortions. Students will demonstrate knowledge of map skills and factual data.

MATERIALS:

A world map; a "round" balloon; and an ink pen for each student.

TEACHING STRATEGY:

Students will draw the world on a round balloon, transferring information from a flat map onto a three dimensional "globe."

Students will draw the following latitude lines: Equator, Tropics of Cancer and Capricorn, Arctic and Antarctic Circles, North and South Poles.

Students will draw the following longitude lines: the Prime Meridian, the International Dateline, 90 degrees East and 90 degrees West (the latter two lines help students to correctly locate continents)

Students will draw the following: seven continents, four oceans, and an example of: an island, a gulf, a bay, a lake, a sea, an isthmus, a peninsula, a cape, a mountain, a river, and a desert.

Once students have drawn and labeled the above, they are to deflate the balloons and compare how land areas, size, shape, and distances change.

CAUTION! Beware of potential terrorists. Students may take great pleasure in blowing up the world! Also, students often equate balloons with a party atmosphere. We wouldn't want to allow them to have fun in school!

Talking of fun, for geographically-oriented accessories from basketball globes to pithy bumper stickers, try THE MAP STORE in Washington, D.C. A call to 800-544-2659 will bring you their free catalog.

NATIONAL GEOGRAPHIC SOCIETY
1990 SUMMER GEOGRAPHY INSTITUTE
JUNE 28 - JULY 26, WASHINGTON, D.C.

The Delaware Geographic Alliance has been asked to select and forward to the National Geographic Society in Washington ten candidates, from which FIVE participants from Delaware will be appointed by NGS to its 1990 Summer Geography Institute.

The primary objective of the Institute is to train NGS-certified Teacher-Consultants, capable of disseminating their knowledge and enthusiasm for geography education to colleagues in their home states and districts. The Institute is noteworthy for the camaraderie and enthusiasm which develops among its participants and staff, and the availability of the rich geographical resources of the Society.

INSTITUTE ACTIVITIES INCLUDE:

- * working with approximately 65 other K-12 teachers from across the country, vitally interested in improving their teaching of geography and expanding the role of geography in their schools
- * instruction in geographic themes, particularly as they apply to U.S. and World History
- * developing teaching strategies, creating materials, and preparing effective workshop presentations of geography units
- * exposure to computer applications, and field trips

BENEFITS INCLUDE:

- * all costs of round-trip transportation to Washington, D.C.
- * complimentary air-conditioned accommodations at George Washington University
- * a daily meal stipend
- * numerous teaching materials and geography lessons; optional weekend field trips; cultural events in Washington, D.C.
- * a stipend of \$625 upon successful completion of the Institute
- * optional graduate credit through George Washington University

ELIGIBILITY: No previous academic background in geography or geography teaching is required; just an enthusiasm for teaching the subject, or incorporating it into the teaching of other subjects. We solicit applications from any K-12 classroom teacher from a Delaware public school. The Alliance is required to submit an equal balance of K-6 and 7-12 teacher candidates so that the Institute may be similarly balanced.

APPLICATIONS: a descriptive brochure and application form is available by calling the Alliance at 451-2294, or writing to us via State Mail. Deadline for applications and supporting letters to reach us is March 1, 1990. The Alliance will make a selection of its ten candidates by March 15, 1990 and the National Geographic will inform candidates of its decision in mid April.

DELAWARE GEOGRAPHIC ALLIANCE STATE SUMMER GEOGRAPHY INSTITUTE

JULY 8 - JULY 25, 1990

The Delaware Geographic Alliance will conduct its own Summer Geography Institute, designed to graduate State Geography Teacher-Consultants, capable of enriching their own classrooms with geographic learning, as well as conveying this interest and ability to colleagues in future workshops and presentations. The Institute will follow the NGS national model: participants will receive a solid introduction to the field of geography, exposure to a state-wide and national network of similarly enthusiastic teachers interested in geographic education, and receive a substantial quantity of teaching materials and resources provided by the Alliance and the National Geographic Society.

The Institute will have *three elements*: an overview of the discipline of geography (academic content); demonstration of teaching materials and strategies for presenting geography in the classroom, both as a subject on its own and as part of other subjects; and in-service experience in the development and presentation of geographic teaching units to other teachers. While the content will focus on the entire field of geography, where appropriate, each part will utilize examples from within the state, and the theme of the Institute will be the *Geography of Delaware*.

INSTRUCTION will include lectures, discussion, simulations, media, panel discussions, and extensive exploration of geographic principles in the field. A tentative list of field trips will include human and physical modifications to the Delaware seashore; historic and contemporary landscapes of southern Delaware; ethnic communities in Wilmington; the physical geography of northern Delaware; historical evolution and contemporary planning in central Philadelphia; and a transect of the Pennsylvania anthracite country. Recreational activities are also planned, including a clam bake, Lewes harbor excursion, volleyball tournament, and a Delaware river evening picnic.

CORE FACULTY include Dr. Peter Rees and Dr. Thomas Meierding, both Associate Professors of Geography at UD, and Ms. Mary Alice Aguilar/ Redding Middle School, and Ms. Margaret Legates/Milford Middle School. Dr. Rees is a human and urban geographer with research experience in the U.S., Europe, and Latin America; Dr. Meierding is a physical geographer whose work includes publications in both cartography and the impact of climate and pollution on landforms. Ms. Aguilar and Ms. Legates are both 1989 graduates of the NGS Summer Institute and NGS-trained and -certified Teacher-Consultants, who have presented geography workshops to fellow teachers in several parts of the state this past year. Additional guest faculty will be included.

LOCATION: to provide statewide coverage, the Institute will be held from July 8 - 12 in Lewes, Delaware, and from July 15 - 25 on the UD campus in Newark, Delaware. The schedule will normally begin each day at 9.00 a.m. and last until 4.30 p.m., although some evening activities will also be included. *A residential option at no charge to participants will be available at either or both locations.*

CREDIT: participants will receive *four graduate credits* in geography from the University of Delaware, and will be expected to register for the Second Summer Session. Participants will be asked to bring to the Institute a classroom lesson utilizing geography which has been personally successful. The lesson will be further developed during the Institute and will be the basis of a presentation each participant will make to a group of colleagues. In addition, during and after the Institute, each individual will be asked to develop with the assistance of the Institute staff a second geography lesson, utilizing some aspect of the geography of the state. Copies of all lessons produced will become part of the resources provided to all participants. There will also be a final exam on geographic content, and the grade for graduate credit will be based on the exam,

the presentation, and the quality of the newly developed lesson. In addition, with support from their school administrations, Institute graduates must agree to present at least three staff-development workshops based on geography teaching units developed, during the 1990-91 school year.

COSTS: we have tried to make the Institute as cost-free as possible. There will be no charge to participants for meals taken during the hours that the Institute is in session, or for the residential option available at either location. Field trips, text books, and teaching resource materials will all be provided at no charge. Fees for University of Delaware tuition (in-state: \$372; out-of-state \$932) will be waived for Delaware public school teachers, but are the responsibility of other participants.

ELIGIBILITY: applications are strongly encouraged from anyone who is now a teacher in a Delaware school, or who will be teaching in Delaware in the 1990-91 school year. Teachers of *all* grades, K-12, are welcomed and will find the Institute to be an experience of value, whatever grade they teach.

Previous background in geography is *not* a pre-requisite; nor is the intent to teach a geography class in the future. Rather, we seek participants in any area of teaching (social studies, sciences, mathematics, English, reading, languages, arts) who have an interest in integrating geography concepts and instruction into their existing classes.

Admission to the Institute is competitive, and a maximum of 24 applicants will be accepted.

APPLICATION: you may apply to both the national and the state institutes, although you must use separate application forms for each. *Applicants to the national institute who are recommended by the Alliance and whose names are forwarded to NGS, but who are not selected for the national institute, will be automatically admitted to the state institute.*

An application form for the state institute will be found on page 6 of this newsletter. It should be submitted to the Alliance office by March 1, 1990. Decisions on acceptance will be made by mid-April.

For more information, contact the Alliance at 451-2294.

RESOURCE CORNER

Valuable newsletters with information about resources for teaching geography are available free from a number of sources. Write to the following to be placed on their mailing lists:

GENIP NEWS. Newsletter of the Geographic Education National Implementation Project. Contact: Kermit Rainman, GENIP, 1710 Sixteenth Street, N.W., Washington, D.C. 20009-3198.

UPDATE. Newsletter of the Geography Education Program, National Geographic Society. Contact: Geography Education Program, National Geographic Society, Washington, D.C. 20036.

NEWSLETTER of the Latin American Curriculum Resource Center. Contact: Roger Thayer Stone Center for Latin American Studies, Tulane University, New Orleans, LA 70118.

The following curriculum development aids have recently been published:

GEOGRAPHY IN GRADES 7-12: THEMES, KEY IDEAS AND LEARNING OPPORTUNITIES, (\$6), published by GENIP, includes sample course formats illustrating implementation of geography in American History and World Regional studies. The publication is a companion to **GEOGRAPHY IN GRADES K-6: THEMES, KEY IDEAS, AND LEARNING OPPORTUNITIES** (\$5). Both publications are available from: National Council for Geographic Education, 16-A Leonard Hall, Indiana University of Pennsylvania, Indiana, PA 15705

NGS TV SPECIALS RESOURCE GUIDE

While supplies last, call the Alliance at 451-2294 for a Resource Guide to the NGS TV Specials to be shown this spring. The topics are: "Amazon, Land of the Flooded Forest" (Jan 10); "Bali, Masterpiece of the Gods" (Feb 7); "Journey to the Forgotten River [Botswana]" (Mar 7); and "Voices of Leningrad" (Apr 4). The guide provides a synopsis, objectives, and discussion and activities for each topic.

APPLICATION FORM
STATE SUMMER GEOGRAPHY INSTITUTE
(JULY 8 - JULY 25, 1990)

NAME _____ SOCIAL SECURITY NO. _____

HOME ADDRESS _____

_____ PHONE _____

SCHOOL NAME AND ADDRESS _____

_____ PHONE _____

GRADES AND SUBJECTS TAUGHT _____

POST-BACCALAUREATE EDUCATION _____

PLEASE LIST ANY EXTRA-CURRICULAR ACTIVITIES OR ORGANIZATIONS IN WHICH YOU HAVE HAD AN ACTIVE INVOLVEMENT:

On a separate page, please write a paragraph or two which describes a) your philosophy of education, and b) how you make your teaching exciting in the classroom

SIGNATURE _____ DATE _____

Please return the completed application by **March 1, 1990** to the Delaware Geographic Alliance, Department of Geography, University of Delaware, Newark, DE 19716.

Note: those admitted to the Institute will be asked for a letter from a principal or other administrator committing support to the Institute graduate to provide three workshops or presentations in the following school year. Admission will not be complete until this letter is received.

ANNOUNCEMENT

WORKSHOP ON TEACHING GEOGRAPHY
AT THE ELEMENTARY AND MIDDLE
SCHOOL LEVEL

SPONSORED AND ORGANIZED BY THE
DELAWARE GEOGRAPHIC ALLIANCE

SATURDAY, FEBRUARY 10, 1990 9.00 A.M. - 3.30 P.M.

WILMINGTON, DELAWARE
(PROBABLE LOCATION: DEL-TECH, WILMINGTON CAMPUS)

The workshop is designed for K-8 teachers interested in information and ideas about the most recent approaches to teaching geography, either as a separate subject or as a part of the general curriculum. Features of the workshop include:

- * Introduction to the Five Themes of Geography
- * Demonstration of units on "Movement" and "Location"
- * How Geography can be taught as part of other subjects
- * Resources and Materials for Teaching Geography
- * The Delaware Geographic Alliance: a support network of teachers

Presenters:

Margaret Legates, 5th and 6th Grade Teacher, Milford Middle School

Mary Alice Aguilar, 7th Grade Teacher, Redding Middle School

(National Geographic Society trained and certified Teacher Consultants)

- * Workshop carries 2/5 in-service credit
- * Participants will receive copies of relevant teaching materials
- * Lunch and snacks are provided
- * Register early on the application form on the reverse; participation is limited to the first 30 applicants

REGISTRATION FOR WORKSHOP
FEBRUARY 10, WILMINGTON

NAME _____

TITLE/POSITION _____

GRADE (S) TAUGHT _____ SOCIAL SECURITY NO. _____

SCHOOL NAME AND ADDRESS _____

_____ PHONE _____

HOME ADDRESS _____

_____ PHONE _____

_____ Registration Fee of \$5.00 is enclosed. Make checks payable to

"Delaware Geographic Alliance/University of Delaware"

Deadline for registration to be received is **January 29, 1990**. Please, no phone registrations. Registrations will be confirmed by February 2, 1989.

Mail this form by U.S. or State Mail to:

Delaware Geographic Alliance
c/o Department of Geography
University of Delaware
Newark, DE 19716

Phone: 302-451-2294

ANNOUNCEMENT

TEACHING GEOGRAPHY:
A MODEL FOR ACTION

SATURDAY, FEBRUARY 24, 1990
8.30 A.M. - 3.30 P.M.

OBEROD CONFERENCE CENTER
400 BURNT MILL RD, CENTREVILLE, DELAWARE

On Saturday, February 24, 1990, the State Facilitator Center, in cooperation with the Delaware Geographic Alliance, will sponsor an all-day workshop at the Oberod Conference Center for teachers (grades 7-12) interested in increasing their competence and confidence in teaching geographic concepts.

"Teaching Geography: A Model for Action" is an educational program of the *National Geographic Society* and is disseminated jointly by the *National Geographic* and the *National Diffusion Network*. Because few middle and high schools offer geography as a separate course, "Teaching Geography" focusses on how to strengthen geography instruction across the curriculum. Inquiry-based learning methods are emphasized, and the program focuses on the five fundamental geographic themes recommended by the geography education community. This particular workshop will also be organized around the theme of *Geography and the Environment* and should appeal, therefore, both to social studies and science teachers.

Representatives of the National Geographic Society, as well as Dr. Thomas Meierding and Dr. Peter Rees, of the University of Delaware, will be joining National Diffusion Network staff to make this a very special opportunity for Delaware educators. Luncheon costs, and materials for each participant are provided; a registration fee of \$5.00 is requested. Participants will receive 2/5 inservice credit.

The schedule for the day is as follows:

8.30 a.m. Registration
9.00 - 12.00 noon Workshop Sessions
12.00 - 12.30 p.m. Lunch
12.30 - 3.30 p.m. Workshop Sessions

To apply for admission to the "Teaching Geography" workshop, please complete the form on the reverse and return it to National Diffusion Network Facilitator Carole White no later than **FEBRUARY 12, 1990**. Telephone registrations cannot be accepted. Respond quickly, as registration is very limited. Successful applicants will be notified by February 16, 1990.

For additional information, call Carole White at the Department of Public Instruction, Dover, 736-4583.

"TEACHING GEOGRAPHY" WORKSHOP

FEBRUARY 24, 1990

OBEROD CONFERENCE CENTER

REGISTRATION FORM

NAME _____

TITLE/POSITION _____

GRADE LEVEL (S) TAUGHT: _____ SOCIAL SECURITY NO. _____

DISTRICT: _____ SCHOOL BUILDING _____

SCHOOL ADDRESS _____

HOME ADDRESS _____

SCHOOL PHONE _____ HOME PHONE _____

Please enclose a check for \$5.00 made payable to "Department of Public Instruction".

Return this form no later than **FEBRUARY 12, 1990** to your National diffusion Network State Facilitator:

Carole White
State Specialist, Education Dissemination
Research and Evaluation division
Department of Public Instruction
John G. Townsend Building P.O. Box 1402
Dover, Delaware 19903

Phone 302-736-4583

COMMENTARY

Geography can be incorporated into other subjects. For example, an art teacher painted a map of Delaware in a school parking lot; a mathematics teacher measured the distance from Dover to the Chesapeake and Delaware Canal, an English teacher is doing research into the origin of some of our city and town names. So geography is really a part of everything we do at school.

To help students focus on the geography of Delaware, the Alliance has distributed to teachers a Delaware wall map measuring 33 by 55 inches.

To help Americans focus on where events occur, some TV news programs, including CBS News, are using world maps much more extensively than before in their newscasts.

Are you doing something unique to help your students become more aware of Geography? Please let us know so that we can share your ideas.

CHERRI BRAGG

UPDATE ON COMPETITIONS

The MAP DELAWARE! map competition has closed and judging will take place during the month of January. We hope to announce winners and present prizes in February. The number of submissions was small, in large part because of the unavoidable delay in responding to so many requests for maps, but some of the maps submitted were very good. We congratulate those students who made the effort to participate.

Our competitions for a LOGO (prize \$50) and a POSTER (prize \$100), both described in the first newsletter, remain open. We have had a few submissions but will wait for a while longer before making our choice, so put your artistic talents to work! All submissions received to date remain candidates for the competition until a choice is made by our Steering Committee.

NOTICE OF MARCH WORKSHOPS

Two workshops titled "What On Earth is Geography" will be presented on March 20 in Dover (site to be announced) and March 27 at Seaford High School. Both are three hours in length and are scheduled from 4.00 - 7.00 p.m. The presenter is Mellie Joseph,

TEACHER'S EXAM, 1890

No, the date is not an error. David Slater/Brandywine High has provided us with a copy of the "Annual Examination for Teachers' Permanent Certificates," held one hundred years ago in Lancaster Co., PA. The exam consisted of questions on the following topics: History and Constitution (e.g. "Define the Toleration Act"); Reading and Literature ("State the difference between Pitch and Force"); Penmanship ("What drill exercise would you give to secure free movements of the fingers? Hand and Wrist? Arm and Forearm?"); Theory of Teaching ("What is your method of regulating whispering in school?"); Rhetoric ("Name and define three kinds of feet"); Latin ("Decline qui"); Physiology ("Name five hindrances to digestion"); Arithmetic ("How many acres of land in the form of a square may be inclosed by 160 rods of fence?"); Geometry ("Prove that the diagonals of a rhombus bisect each other at right angles"); Grammar ("Select three adjectives and two adverbial phrases [from a quote provided]"); and Geography, for which we reproduce all the questions:

1. Define physical, mathematical and political geography. Name a fact of each.
2. Which is the greater distance, 10 degrees north or 10 degrees east of Lancaster?
3. What are the principal articles of export of England and China?
4. Discuss France. Draw map. Locate important rivers and cities.
5. Name the present rulers of six countries of Europe.
6. Locate San Diego, Santiago, Basle, Naples, Worcester, Ajaccio, Ghent, Ryswick, Bordeaux, Cairo.
7. Enumerate the causes which produce the change of seasons.
8. Explain the origin of trade winds.
9. Name six noted volcanoes.
10. Classify the following animals: Lion, kangaroo, seal, horse, dog, sheep, elephant.

geography teacher at Seaford High School and a 1989 National Council for Geographic Education Distinguished Geography Teacher. The workshops, which will introduce teachers K-12 to the Five Themes, are sponsored by the Delaware Teacher Center. Contact the Center (Kent County: 736-6723; elsewhere: 800-282-8770) for registration forms.

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University of Delaware
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