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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files

OA/ID Number: 62009
Folder ID Number: 62009-005

Folder Title:
Invitations: General (3) [4 of 7] [1991]

Stack:

Row:

Section:

Shelf:

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"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121868

SPEECH: YES NO

FROM: NORTHEAST CONSULTING RESOURCES, INC.

DATE OF EVENT: 09/16/91

LOCATION OF EVENT: Boston, MA or San Francisco, CA

TIME OF EVENT:

SUBJECT: INVITATION TO "MAPPING THE FUTURE OF COMPUTING AND COMMUNICATIONS"

RSVP: 07/16/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO:

REMARKS:

7/2 - Regretted. m.r.

CLOSED

DATE OF LETTER:

DATE RECEIVED: 06/24/91

FILE: P- INVITATION

Northeast Consulting Resources, Inc.

invites you to

Mapping the Future of Computing and Communications

Success in today's uncertain markets demands proactive, not reactive, management. Future Mapping workshops teach a scenario-based planning technique that executives can use to anticipate competitive challenges and decide how/when to adjust business strategy.

in

Boston, MA

September 16 and 17, 1991

or

San Francisco, CA

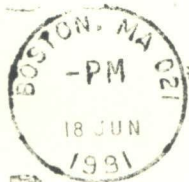
November 19 and 20, 1991

Registration is by invitation only.
For information and pricing call:

Open Systems Advisors

Lucy E. Kehoe
617-859-0859

9/2/868



Dr. D. Allan Bromley
Science Adviser to the President
The White House
1600 Pennsylvania Ave
Washington, DC 20500-0001



RECEIVED

91 JUN 25 A 9:39

OFFICE OF THE
DIRECTOR

Future Mapping
268 Newbury Street
Boston, MA 02116

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121817

SPEECH: YES NO

FROM: COMMANDANT OF THE MARINE CORPS

DATE OF EVENT: 06/28/91

LOCATION OF EVENT:

TIME OF EVENT: 8:30PM

SUBJECT: INVITATION TO THE CHANGE OF COMMAND AND RETIREMENT
CEREMONY AT WHICH GENERALD GRAY WILL BE RELIVED BY
GENERAL MUNDY.

RSVP: 06/24/91

CONTACT PERSON:

CONTACT NUMBER: 703/614-4694

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO:

REMARKS:

6/27/91- Regretted to Commandant's office!
M

CLOSED

DATE OF LETTER:

DATE RECEIVED: 06/21/91

FILE: P- INVITATION



*The Commandant of the Marine Corps
requests the pleasure of your company
at a Change of Command and Retirement Ceremony
at which*

*General Alfred M. Gray, Jr., United States Marine Corps
will be relieved by
General Carl E. Mundy, Jr., United States Marine Corps
at half past eight o'clock
on Friday evening, the twenty-eighth of June
Marine Barracks, 8th and I Streets, SE
Washington, DC*

R.S.V.P.

(703) 614-4694/

(703) 614-1743/1872

*Service "A"
Civilian Informal*

Lieutenant General Mundy
has been nominated by the President
to be the 30th Commandant of the
Marine Corps. He is awaiting
Senate confirmation.

DEPARTMENT OF THE NAVY

OFFICE OF THE COMMANDANT
HEADQUARTERS U.S. MARINE CORPS
WASHINGTON, D.C. 20380-0001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

*The Honorable
D. Allan Bromley
and Guest
Assistant to the President
for Science and Technology
Old Executive Office Building
The White House
Washington, DC 20506*

OFFICE OF
DIRECTOR

91 JUN 21 A8:26

RECEIVED

9121817

"CORRESPONDENCE TRACKING"

TYPE: ACTION DOCUMENT NUMBER: 9121827
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DEPARTMENT OF HEALTH & HUMAN SERVICES

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE:

SUBJECT: ENCLOSED IS DR. BROMLEY'S TICKET TO GAIN ADMISSION
TO THE SWEARING-IN OF BERNADINE HEALY AND THE
RECEPTION. ALSO, A REQUEST TO R.S.V.P.

DIRECTORATE STAFF
ASSIGNED: D. Allan Bromley ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/21/91 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO:

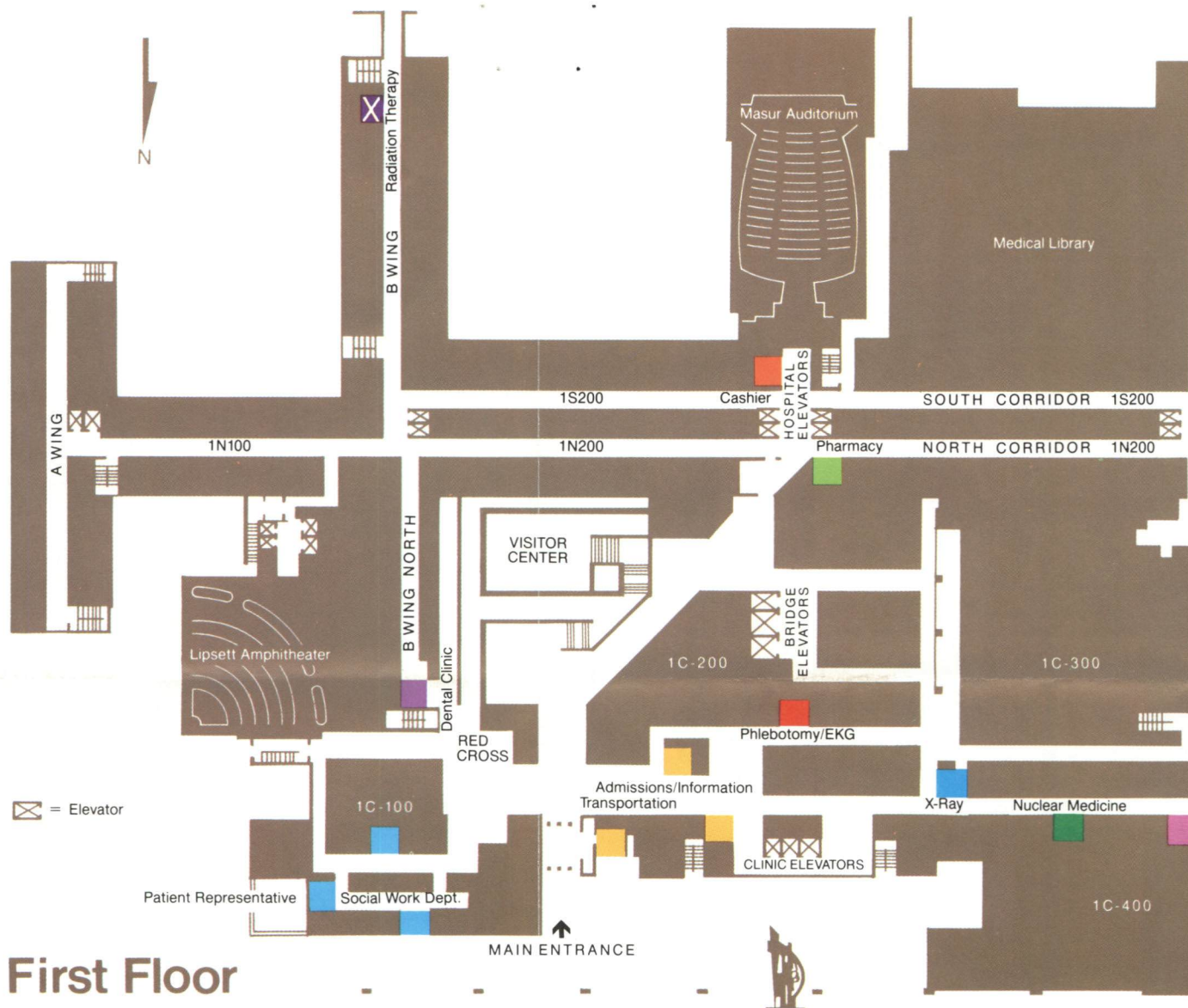
WHITE HOUSE TRACKING #: CONTACT PERSON: MARGUERITE LEONARD
PHONE: 301/496-4713 EXT:
REMARKS:

6/24/91 - DAB attended!

mr

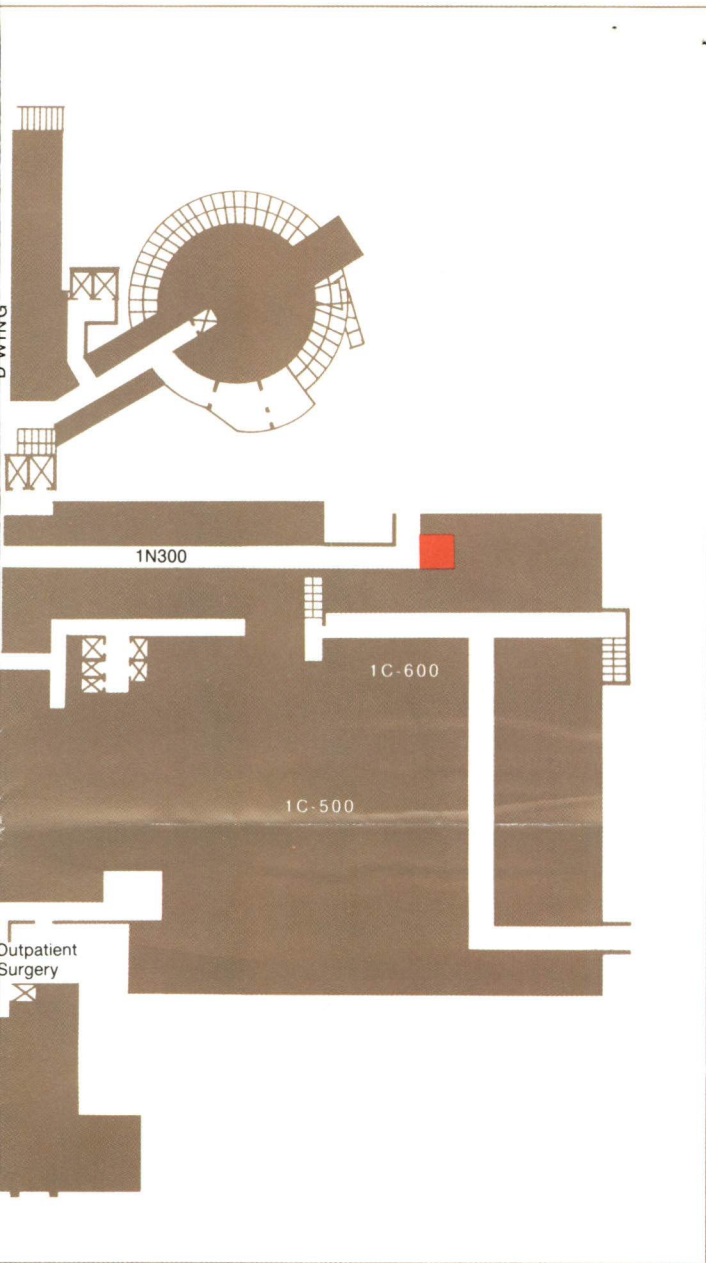
OSTP RECEIVED: 06/21/91
DEPT RECEIVED:

FILE: P INVITATION



Patient Services

	Room Number	Telephone Number (all numbers are Area Code 301)
Admissions/Information	1C-242	496-3141
Outpatient Check-in Desk	1C-242	496-6681
Transportation	1C-200	496-1161
Phlebotomy	1C-249	496-5777
EKG	1C-256	496-3050
Transfusion Medicine (Blood Bank)	1N-416	Donors 496-1048 General Info. 496-4506
Diagnostic Radiology (X-Ray)	1C-300	496-7700
Nuclear Medicine	1C-400	496-6455
Dental Clinic	1B-North	496-4371
Radiation Therapy	B3-B69	496-5457
Rehabilitation	6S-235	496-4733
Pharmacy		
Social Work		
Patient Representative		
Cashier		
Outpatient Surgery		
Travel Agency		
Patient Travel Voucher Office		
Patient Activities		
Spiritual Ministry		
Bank		
Audiology Clinic		
Cafeterias		



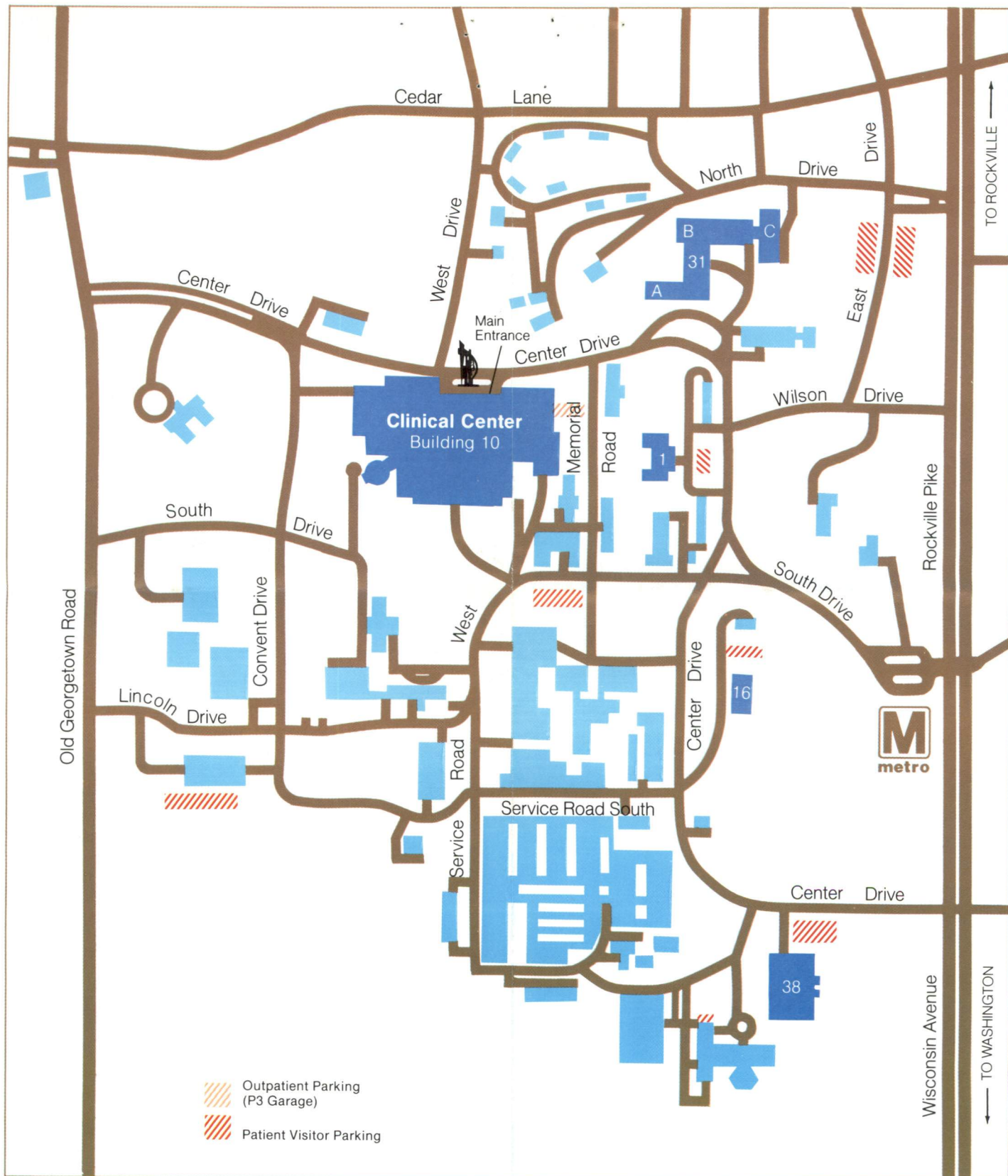
Room Number	Telephone Number
1N-232	496-2866
1C-144	496-2381
1C-132	496-2626
1S-233	496-2654
2C-525	496-9649
1C-200	496-6676
1C-206	496-7632
14SD-214	496-2276
14S-231	496-3407
B1-C25	496-2728
5C-306	496-5368
2C & B1	

Your Guide to the Clinical Center

National Institutes
of Health

Bethesda, Maryland





Welcome to the Clinical Center

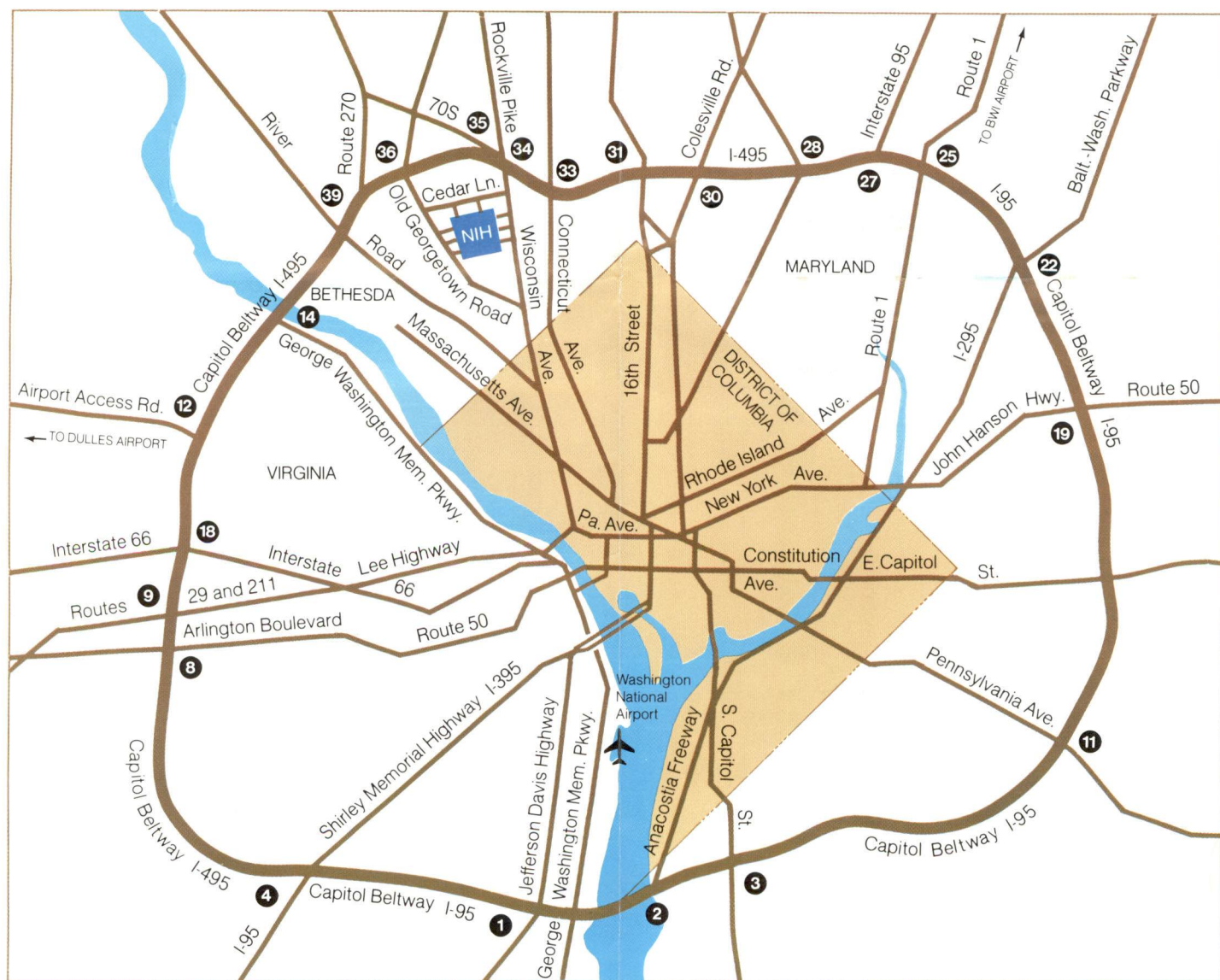
The Clinical Center is the research hospital of the National Institutes of Health (NIH), the Federal Government's primary facility for biomedical investigation. Patients are referred by their physicians and selected for admission to the Clinical Center because they have an illness being studied in one of the research programs. The fourteen story building houses more than 500 patient beds, approximately 50 different clinics, and over 2000 laboratories. You will recognize the facility by a glass tower addition to the main hospital.

As the nation's largest medical research center, the NIH supports the need for a healthful and safe environment. Accordingly, the Director has established a policy that has made the NIH a smoke-free agency. Smoking by patients, visitors, and staff is prohibited in all NIH buildings, including the Clinical Center.

This pamphlet contains information which will assist you in locating the various services you will be using while at the Clinical Center. The map below depicts the NIH

campus in relationship to the surrounding area. The map on the right is of the NIH campus itself. On the reverse side there is a large plan of the first floor of the Clinical Center.

If you have any questions, please ask a member of our staff to assist you.



Admit One
to Special Program
National Institutes of Health
Special Projects Office
Visitor Information Center (VIC)

D. Allan Bromley

Preliminary Announcement

9121827
RECEIVED

61 JUN 21 AID: 34
OFFICE OF THE
DIRECTOR
This coming Monday, June 24, at 9:45 a.m. Dr. Bernadine Healy will be formally sworn in as Director of the National Institutes of Health. It is anticipated that President George Bush will attend the swearing-in and make an address at the event.

The swearing-in ceremony will be held in Masur Auditorium of the Warren Grant Magnuson Clinical Center (Building 10), at the NIH in Bethesda, Maryland (see map). Enclosed is your personal ticket to the event, it is not transferrable. If you are able to attend, your ticket also admits you to a reception that will be held afterwards in the Lawton Chiles International House (Building 16). The reception will be 11 a.m. to noon. When you R.S.V.P. please state whether you can also attend the reception at the Chiles House. A van will take you from the Clinical Center to the Chiles House.

Because it is anticipated that there will be security measures in place, please arrive early at the Masur Auditorium, 9:00 a.m. would be ideal.

A formal printed invitation will follow as soon as possible, however, your enclosed ticket is the critical element to gain admission to the swearing-in and the reception. Please R.S.V.P. as soon as possible to:

Mrs. Marguerite Leonard (301) 496-4713

NIH Special Projects Office
Shannon Building, Room 350
Bethesda, Maryland 20892

Northern Illinois University 
DeKalb, Illinois 60115-2890

College of Law

FAX (815) 753-9499

June 27, 1991

Dr. David Allan Bromley
6716 Tulip Hill Terrace
Bethesda, Maryland 20816

Re: Northern Illinois University Distinguished Lecturers Series

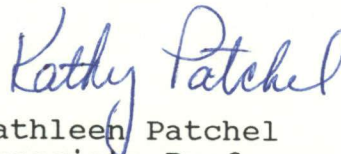
Dear Dr. Bromley:

I have been asked, on behalf of a special faculty committee appointed by the Provost of Northern Illinois University, to invite you to give one of the lectures in our Distinguished Lecturers Series. The Series is designed to bring outstanding individuals from a wide variety of disciplines and interdisciplinary areas to our campus to stimulate the intellectual life of the University through discussions of significant contemporary issues. During an overnight visit, speakers are asked to give a lecture to the University community on a topic of current significance, and to participate in a faculty seminar and a graduate student seminar. The University also hosts a reception and dinner in the Lecturer's honor to which faculty are invited. Distinguished Lecturers receive an honorarium, plus travel and lodging expenses.

Two Distinguished Lecturers are invited each year, one in the spring, and one in the fall. Dr. Arthur Schlesinger, Jr. was our first Distinguished Lecturer, speaking on the topic of the post-Cold War world. Dr. John Brademas, president of New York University, will be our second Distinguished Lecturer, speaking this fall on the topic of government and the university.

I hope that you will consider accepting our invitation to be a Distinguished Lecturer. If you would like further information, please contact me at Northern Illinois University College of Law at (815) 753-1380, or at my home at (815) 758-4355.

Very truly yours,



Kathleen Patchel
Associate Professor of Law
Chair, Distinguished Lecturers
Series Committee

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Intramural and club sports: 10% of students participate in intramurals. Intramural sports include basketball, softball, swimming, tennis, volleyball, water polo.

ADMISSIONS. Academic basis for candidate selection (in order of priority): Class rank, ACT scores.

Requirements: Secondary school graduation or GED is required. 16 secondary school units with the following high school program required: 3 units of English, 2 units of math, 2 units of science, 2 units of social studies. An additional 3 units required from English, mathematics, science, computer science, fine arts, or foreign language. Educational assistance programs include Project Success, a recruitment program for inner-city disadvantaged minority students; Proyecto Pa'lante, which primarily recruits bilingual Spanish-Americans; and Student Support Services, which assists low-income students, first-generation college students, and those who are physically or medically handicapped. ACT is required.

Procedure: Suggest filing application by February 15. Application deadline is August 1. Notification of admission within four weeks of receipt of all application information. No set date by which candidate must accept offer. Freshmen accepted in terms other than fall.

Special programs: Both credit and placement may be granted for CEEB Advanced Placement exam scores of 4 or 5. Scores of 3 may be evaluated by department. Both credit and placement may be granted through CLEP general exams.

Transfer students: Transfer students accepted for terms other than fall. In 1989, 41% of all new students were transfers into all classes. 2,159 transfer applications were received, 1,515 were accepted. Application deadline for fall is August 1; December 1 for spring. Lowest course grade accepted is "D." Maximum number of transferable credits is 60 from two-year schools, 90 from four-year schools. At least 30 credits must be completed at Northeastern Illinois to receive degree.

Admissions contact: Eric B. Moch, Ed.D., Director of Admissions. 312 794-2600.

FINANCIAL AID. Available aid: Pell grants, SEOG. State, school, and private grants and scholarships. ROTC. Academic merit scholarships. Athletic scholarships. Loans: Perkins Loans (NDSL), PLUS, Stafford Loans (GSL). SLS. Deferred payment plan.

Financial aid statistics: 14% of aid is not need-based. In 1989-90, 47% of all undergraduate applicants received aid; 36% of freshman applicants. Average amounts of aid awarded freshmen: scholarships and grants, \$1,170; loans, \$1,620.

Supporting data/closing dates: School's own aid application: priority filing date is April 2. FFS: priority filing date is April 2. AFSA: priority filing date is April 2.

Financial aid contact: J. Marshall Jennings, M.A., Director of Financial Aid. 312 794-2900.

STUDENT EMPLOYMENT. College Work/Study Program. Institutional employment. 11% of full-time undergraduates work on campus during school year. Students may expect to earn an average of \$2,000 during school year. Off-campus part-time employment opportunities rated "good."

COMPUTER FACILITIES. DEC VAX-11/750, DEC PDP-11/44, and AT&T 3B2/400 multi-user computer systems. 72 terminals are available for student use. 50 microcomputers. IBM and Apple microcomputers. Computer languages and software: Assembler, BASIC, C, COBOL, dBASE III, FORTRAN, Lotus 1-2-3, Pascal, PL/1, SuperCalc, WordStar.

Use: Computers are available to all students.

Fees: Lab fees charged in computer classes.

Hours: 8 AM - 10 PM (M-Th); 8 AM - 6 PM (F); 8 AM - 1 PM (Sa).

GRADUATE CAREER DATA. N/A.

PROMINENT ALUMNI/AE. Dennis Meritt, assistant director, Lincoln Park Zoo.

Northern Illinois University

DeKalb, IL 60115

815 753-1000

1990-91 Costs. Tuition: \$1,714 (state residents), \$5,142 (out-of-state). Room & board: \$2,706. Fees, books, misc. expenses (school's estimate): \$1,017.

Enrollment. Undergraduates: 7,471 men, 8,670 women (full-time). Freshman class: 12,839 applicants, 8,602 accepted, 3,169 enrolled (78% from public schools). Graduate enrollment: 6,098.

Test scores. Average ACT scores: 21 English, 21 mathematics, 21 composite.

Faculty. 1,091 full-time; 192 part-time. 67% of faculty holds doctoral degree. Student/faculty ratio: 18 to 1.

Selectivity rating. Less competitive.

PROFILE. Northern Illinois University is a public institution offering programs in the basic disciplines, the arts, and the professions. Courses are conducted on the DeKalb campus and at a number of outreach centers throughout northern Illinois. Programs are organized within the Colleges of Business, Education, Engineering and Engineering Technology, Liberal Arts and Sciences, Professional Studies, Visual and Performing Arts, Law, Continuing Education, and the Graduate School. The university was founded in 1965 and is located in a community of 33,000 people, 65 miles west of Chicago, which offers the cultural advantages of a major urban area, high technology research centers, and access to the clinical experience necessary in certain fields.

Accreditation: NCACS. 22 professional accreditations.

Religious orientation: Northern Illinois University is nonsectarian; no religious requirements.

Library: Collections totaling over 1,800,000 volumes, 18,477 periodical subscriptions, and 2,000,000 microform items. Computerized library search system.

Special facilities/museums: TV studio.

Athletic facilities: Recreation center with basketball, volleyball, badminton, tennis, racquetball, and handball courts, track.

STUDENT BODY. Undergraduate profile: 98% are state residents; 41% transfers. 4% Asian-American, 6% Black, 3% Hispanic, 1% American Indian or Eskimo, 85% White, 1% Other. Average age of undergraduates is 21.

Freshman profile: 1% of freshmen who took ACT scored 30 or over on English, 6% scored 30 or over on math, and 2% scored 30 or more on composite; 27% scored 24 or over on English, 44% scored 24 or more on math, and 40% scored 24 or more on composite. 78% of freshmen come from public schools.

Undergraduate achievement: 75% of fall 1988 freshmen returned for fall 1989 semester. 50% of entering class graduated. 9% of students completing a degree program went on to graduate study within five years.

Foreign students: 172 students are from out of the country. Countries represented include Malaysia, Taiwan, Jordan, Hong Kong, and Canada; 44 in all.

PROGRAMS OF STUDY. Degrees: B.A., B.F.A., B.G.S., B.Mus., B.S., B.S.Ed. **Majors:** Accountancy, Anthropology, Art Education, Art History, Biological Sciences, Business Education, Chemistry, Communications Studies, Communicative Disorders, Community Health, Computer Science, Dietetics/Nutrition/Food Service, Economics, Electrical Engineering, Elementary Education, English, Family and Child Studies, Finance, Foreign Languages and Literatures, French, General Studies, Geography, Geology, German, History, Home Economics Education, Industrial Engineering, Industry and Technology, Journalism, Management, Marketing, Mathematics, Mechanical Engineering, Medical Technology, Meteorology, Music, Music Education, Nursing, Office Administration, Operations Management, Philosophy, Physical Education, Physical Therapy, Physics, Political Science, Psychology, Russian, Social Sciences, Sociology, Spanish, Special Education, Studio Art, Textiles and Clothing, Theatre Arts.

Distribution of degrees: The majors with the highest enrollments are marketing, finance, and communication studies; geology, philosophy, and sociology have the lowest.

Requirements: General education requirement.

Academic regulations: Minimum 2.0 GPA must be maintained.

Special: Minors offered include applied communication, classical studies, comparative literature, environmental studies, international relations, linguistics, public administration, Southeast Asian studies, urban studies, and women's studies. Programs in black, environmental, foreign, Latin American, and medieval studies. Associate's degree programs. Self-designed majors. Double majors. Pass/fail grading option. Internships. Cooperative education programs. Graduate school at which undergraduates may take graduate-level courses. Preprofessional programs in dentistry, engineering, law, medicine, optometry, pharmacy, podiatry, osteopathy, veterinary medicine, physical therapy. 3-2 physics and engineering programs with U of Illinois (Urbana-Champaign and Chicago Circle campuses). Exchange programs. Study abroad programs. Teacher certification in early childhood, elementary, secondary, and special education. Extensive opportunities for study abroad. ROTC.

Honors: Honors program. Alpha Delta Sigma (advertising), Alpha Eta (allied health), Alpha Kappa Delta (sociology), Epsilon Pi Tau (technology), Gamma Theta Upsilon (geography), Kappa Tau Alpha (journalism), Omicron Delta Epsilon (economics), Phi Alpha Alpha (public affairs), Phi Delta Kappa (education), Phi Mu Alpha (music), Phi Sigma Society (biology), Phi Sigma Tau (philosophy), Pi Mu Epsilon (mathematics).

Academic assistance: CHANCE (Complete Help and Assistance Necessary for a College Education) offers complete tutorial, counseling, and support services.

STUDENT LIFE. Housing: Space permitting, single freshmen under 21 must live in university housing unless living with parent or guardian. Both on-campus and off-campus school-owned married-student housing. Fraternity and sorority housing. Special-interest housing. 40% of students live in college housing.

Social atmosphere: "We're known as a suitcase college," according to the editor of The Northern Star, "because there's not a whole lot of entertaining events during the weekend." Influential groups on campus include Greeks, the John Lennon Society, and The Northern Star. Popular events include NIU Jazz Ensemble concerts, Homecoming, Springfest, and NIU's Theatre Workshop performances. Local bars that attract students include Otto's and McCabe's.

Services and counseling/handicapped student services: Placement services. Health service. Day care. Counseling services for minority, veteran, and older students. Birth control and psychological counseling. Career and academic guidance services. Legal counseling. Rape crisis center. Reader service for the blind. Handicapped student services. Notetaking services. Speech and hearing clinic.

Campus organizations: Undergraduate student council. Newspaper (Northern Star, published weekdays). Literary magazine. Yearbook. Radio station. Athletic and departmental clubs, band, orchestra, ensembles, chorus, choir, madrigals, theatre groups, extemporaneous speaking, intercollegiate debating, recreational clubs, University Artist Series, special-interest groups, political and service organizations. 15 fraternities (eight with chapter houses) and 10 sororities (no chapter houses). 15% of men join a fraternity and 11% of women join a sorority.

Religious organizations: Several religious groups.

ATHLETICS. Physical education requirements: Three semester hours of physical education required only for students seeking teaching certificate.

Intercollegiate competition: 2% of students participate. Basketball (M,W), diving (M,W), field hockey (W), football (M), golf (M,W), gymnastics (M,W), soccer (M), softball (W), swimming (M,W), tennis (M,W), volleyball (W), wrestling (M). Member of the NCAA Division I, NCAA Division I-A for football.

Intramural and club sports: Extensive intramural program.

ADMISSIONS. Academic basis for candidate selection (in order of priority): ACT or SAT scores, class rank.

Nonacademic basis for candidate selection: Particular talent or ability and geographical distribution are considered.

Requirements: Secondary school graduation or GED is required. 15 secondary school units with the following high school program required: 3 units of English, 2 units of math (including 1 algebra; geometry or advanced algebra), 2 units of science including 1 unit of lab, 1 unit of social studies, 1 unit of history (U.S. history or U.S. history/government), 1 unit of an elective (art, film, foreign language, music, or theatre). A third unit of mathematics strongly recommended. Additional units of English, science, social science, and mathematics recommended. Applicants should rank in upper half of secondary school class and have minimum 17 composite ACT score, or rank in upper two-thirds of class and have minimum 22 composite ACT score; students presenting GED should also have minimum 22 composite ACT score. Consideration given to students with special talents in the visual and performing arts; audition required of applicants to the School of Music. Learning disabled students must submit diagnostic testing, statement of deficit, test data and summary from psychologist. CHANCE program for students not normally admissible due to academic and economic disadvantages. ACT is required; SAT may be substituted. Campus visit recommended. No off-campus interviews.

Procedure: Take ACT or SAT in 11th year, preferably; 12th year results acceptable. Retest scores considered. Suggest filing application by July 15. Application deadline is August 1. Early decision notification by November 30. Notification on rolling basis beginning December 15. Freshmen accepted in terms other than fall.

Special programs: Both credit and placement may be granted for CEEB Advanced Placement exam scores of 3 or higher. Both credit and placement may be granted through CLEP general exams. University also grants credit and placement for New York State Proficiency Exams (nursing) and for own department exams. Early decision application deadline is November 1; notification by November 30. Early entrance/early admission program. Concurrent enrollment program.

Transfer students: Transfer students accepted for terms other than fall. In 1989, 41% of all new students were transfers into all classes. 5,674 transfer applications were received, 3,772 were accepted. Application deadline for fall is July 15; December 1 for spring. Applicants must have at least a "C" average and be in good standing from last college attended. Lowest course grade accepted is "C." At least 30 hours must be completed at Northern Illinois to receive degree.

Admissions contact: Daniel S. Oborn, Ed.D., Director of Admissions. 815 753-0446.

FINANCIAL AID. Available aid: Pell grants, SEOG. State, school, and private scholarships; school grants. ROTC. Academic merit scholarships. Athletic scholarships. Loans: Perkins Loans (NDSL), PLUS, Stafford Loans (GSL). SLS. Installment Payment Plan.

Financial aid statistics: 40% of aid is not need-based. In 1989-90, 76% of all undergraduate applicants received aid; 58% of freshman applicants. Average amounts of aid awarded freshmen: scholarships and grants, \$1,500; loans, \$2,600.

Supporting data/closing dates: School's own aid application, FAF, income tax forms: priority filing date is March 1.

Financial aid contact: Jerry Augsburger, Director of Student Financial Aid. 815 753-1395.

STUDENT EMPLOYMENT. College Work/Study Program. Institutional employment. 23% of full-time undergraduates work on campus during school year. Students may expect to earn an average of \$1,000 during school year. Off-campus part-time employment opportunities rated "excellent."

COMPUTER FACILITIES. Amdahl 8 multi-user computer system. 16 terminals are available for student use. Dormitories are equipped with computer terminals. 55 microcomputers. Apple and IBTCS microcomputers. Computer languages and software: numerous.

Regulations: Time limits.

Hours: 24 hours.

GRADUATE CAREER DATA. 36% of graduates choose careers in business and industry.

PROMINENT ALUMNI/AE. Gary L. Watson, president, Gannett Community Newspaper Group; Richard Henderson, president, US Sprint Midwest; Dennis Hastert, U.S. congressman, state of Illinois; Dr. Pierre Guibor, oculo-plastic surgeon, New York; Dr. Winifred Sawtell Cameron, NASA astrophysicist (retired); John T. Ludes, president, Acushnet Corp.

Northwestern University

Evanston, IL 60204-3060

312 491-3741

1989-90 Costs. Tuition: \$12,996. Room & board: \$4,190. Books, misc. expenses (school's estimate): \$560.

Enrollment. Undergraduates: 3,724 men, 3,680 women (full-time). Freshman class: 10,800 applicants, 4,968 accepted, 1,860 enrolled (72% from public schools). Graduate enrollment: 4,005.

Test scores. Average ACT composite score: 28.

Faculty. 758 full-time; 112 part-time. 82% of faculty holds doctoral degree. Student/faculty ratio: 10 to 1.

Selectivity rating. Highly competitive.

PROFILE. Northwestern University, founded in 1851, is a private institution offering undergraduate and graduate programs through the College of Arts and Sciences, the Schools of Speech, Music, Journalism, Education, and Law, the Graduate School, the Graduate School of Management, the Medical School, the Dental School, the McGaw Medical Center, the Technological Institute, the Summer Session, the Division of Continuing Education, and the Managers' Program. Northwestern operates campuses both in Evanston and Chicago.

Accreditation: NCACS. Professionally accredited by the American Assembly of Collegiate Schools of Business, the Accreditation Board for Engineering and Technology, the Accrediting Council on Education in Journalism and Mass Communication, the American Medical Association (CAHEA), the National Association of Schools of Music, the National Council for Accreditation of Teacher Education.

Religious orientation: Northwestern University is nonsectarian; no religious requirements.

Library: Collections totaling over 3,000,000 volumes, 25,000 periodical subscriptions, and 1,500,000 microform items.

Special facilities/museums: Art gallery. Institute for Learning Sciences. Frances Searle Building (communicative disorders). Catalysis center. Astronomical research center.

Athletic facilities: Courts for tennis, racquetball, squash, handball and basketball; indoor tracks; free weight, Nautilus and stationary bikes; swimming and diving facility; softball fields; sailboats.

STUDENT BODY. Undergraduate profile: 20% are state residents; 10% transfers. 13% Asian-American, 9% Black, 2% Hispanic, 1% American Indian or Eskimo, 76% White. Average age of undergraduates is 20.

Freshman profile: 5% of freshmen who took SAT scored 700 or over on verbal, 23% scored 700 or over on math; 40% of freshmen who took SAT scored 600 or over on verbal, 73% scored 600 or over on math. 16% of freshmen who took ACT scored 30 or more on composite; 89% scored over 24 on composite. (95% of accepted applicants took SAT; 47% took ACT.) 72% of freshmen come from public schools.

Undergraduate achievement: 95% of fall 1988 freshmen returned for fall 1989 semester. 84% of entering class graduated. 50% of students completing a degree program went on to graduate study within five years.

Foreign students: 25 students are from out of the country. Countries represented include Canada, England, Hong Kong, India, Korea, Switzerland, West Germany; 35 in all.

PROGRAMS OF STUDY. Degrees: B.A., B.M.E., B.Mus.Ed., B.S., B.S.Ed., B.S.Journalism, B.S.Speech.

Majors: African-American Studies, American Culture, Anthropology, Applied Mathematics, Art, Art History, Asian Studies, Astronomy, Biochemistry, Biology, Biomedical Engineering, Broadcast Journalism, Chemical Engineering, Chemistry, Church Music, Civil Engineering, Classics, Communication Sciences and Communicative Disorders, Communication Studies, Comparative Literature, Computer Sciences, Computer Studies, Conducting and Performing Organizations, Creative Writing, Drama, Economics, Electrical Engineering, English and American Literature, Environmental Engineering, French, Genetics, Geology, German Language and Literature, German Studies, Hispanic Language and Literature, Hispanic Studies, History, History and Literature of Religions, Human Culture, Human Development and Social Policy, Humanities, Industrial Engineering and Managerial Sciences, International Relations, Italian, Jewish Studies, Linguistics, Magazine Journalism, Materials Science and Engineering, Mathematics, Mechanical Engineering, Microbiology, Middle Eastern Languages, Molecular Biology, Music Education, Music History and Literature, Music Theory and Composition, Neurosciences, Newspaper Journalism, Performance Studies, Philosophy, Physics, Physiology, Piano, Political Science, Portuguese, Psychology, Radio/Television/Film, Science Engineering, Secondary Education, Slavic Languages and Literatures, Sociology, Speech Education, Statistics, String Instruments, Theatre, Urban and Regional Planning, Urban Studies, Voice/Opera, Winds and Percussion, Women's Studies.

Distribution of degrees: The majors with the highest enrollments are economics, political science, and communication studies; Asian studies, African studies, and statistics have the lowest.

Requirements: General education requirement.

Academic regulations: Minimum 2.0 GPA must be maintained.

Special: Special programs in American culture, comparative literature, integrated arts, neuroscience, urban affairs, and women's studies. Writer's workshop. Freshman colloquia in history. Three-year program in arts and sciences. 30 superior science students admitted to three-year B.A. integrated science program. 30 superior students admitted to mathematical methods in the social sciences. Thematic residential colleges in commerce and industry, community studies, philosophy and religion. Self-designed majors. Double majors. Dual degrees. Independent study. Accelerated study. Pass/fail grading option. Internships. Cooperative education programs. Graduate school; some graduate-level courses and courses in professional schools are open to qualified undergraduates. Four-year master's programs in biology, chemistry, communication arts, economics, and foreign language. Combined degree honors programs in engineering management and undergraduate research. 3-4 honors program with Northwestern Medical School is open by special application to 60 entering freshmen. Combined program leads to B.A. and professional degree from Northwestern Dental or Medical School. Medical technology and physical therapy programs in cooperation with the Medical School. Semester-away programs: Teaching Newspaper program (journalism), School of Education and Social Policy practicum. Teacher certification in secondary education. Summer Russian language study in the USSR. Summer study in Mexico City. Other study abroad programs in Canada, China, France, Germany, Israel, Italy, and Japan. ROTC at Loyola U. AFROTC and NROTC.

Honors: Phi Beta Kappa. Honors program. Over 40 honorary, professional groups. **Academic assistance:** Nonremedial tutoring.

THE WHITE HOUSE
WASHINGTON

July 25, 1991

Dear Professor Patchel:

I am responding to your letter of June 27 in which you invite me to deliver one of the lectures in your Distinguished Lecturers series.

While I am pleased and honored by the invitation, I regret that I must tell you that my schedule for the remainder of this year is so overcrowded that I simply cannot make any further commitments. Part of this reflects the fact that I have scheduled extensive travel outside the country following up on bilateral and multilateral science and technology agreements at the head of state level.

The delay in responding to your letter simply reflects my effort to find a way to work in this commitment among those already on my calendar. I have finally had to admit defeat and regret that is so because it is quite clear from the names of those quoted in your letter who have been distinguished lecturers in previous years makes it clear that this is indeed a very prestigious series.

Again, my apology for the delay and my thanks for your kind invitation.

With all best wishes,

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley", written in a cursive style.

D. Allan Bromley
The Assistant to the President
for
Science and Technology

Professor Kathleen Patchel
Chairwoman
Distinguished Lecturers Series Committee
Northern Illinois University



CNSS
Center for National Security Studies
Los Alamos National Laboratory

P.O. Box 1663, Mail Stop K306
Los Alamos, NM 87545

FAX No.: (505) 665-3107
FTS: 855-3107

Confirmation No.: (505) 665-5798
FTS: 855-5798

Date: June 21

TO: Dr. Allan Bromley Telephone: 202 456 7116
Dir, President's Office of
Science & Technology FAX No.: 202 395 3261

FROM: LOUIS ROSEN

Telephone: 505 665 5798

6/26 Regretted

MESSAGE: Dear Allan: We are convening, at Los Alamos, a conference on Global Climate Change: Its Mitigation through Improved Production & Utilization of Energy. I send some information on this Conference, including a preliminary agenda. We would welcome your participation, or, if that is not feasible, the participation of a senior member of your staff. He or she would be welcome to talk on any aspect of the Conference.

Best wishes,
Louis

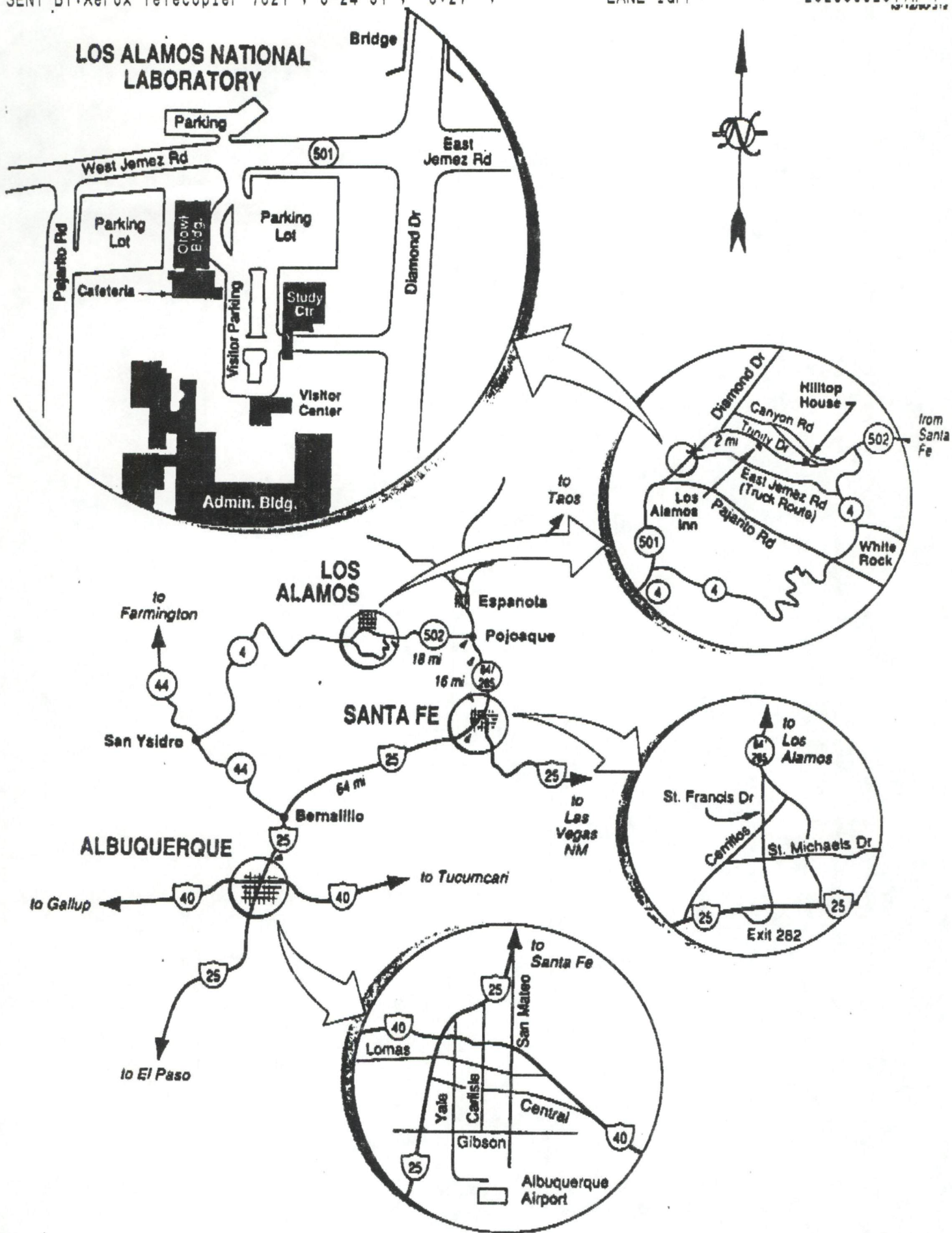
cy: CRM-4/A150
File

____ page(s) to follow

IF TRANSMISSION IS INCOMPLETE OR ILLEGIBLE, OR IF YOU DO NOT
RECEIVE ALL PAGES, PLEASE CALL 505-665-5798 AS SOON AS POSSIBLE

6/26/91 Remarks:

Regretted to Joanne Cockran! mrx



Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: June 19, 1991
IN REPLY REFER TO: IGPP:91-0128
MAIL STOP: K305
TELEPHONE: 505-665-5805
FAX: 505-665-3107

Institute of Geophysics and Planetary Physics

Dr. Allan Bromley
Director
President's Office of Science & Tech.

Dear Dr. Bromley:

During October 21-24, 1991, there will be convened, at the Los Alamos National Laboratory J. Robert Oppenheimer Study Center, a conference on the subject of "Global Climate Change: Its Mitigation Through Improved Production and Utilization of Energy." The organizing committee is pleased to invite your participation in this conference.

Enclosed is a preliminary agenda, including the names of those participants who have already agreed to present papers.

One day of plenary sessions will be followed by two days of workshops and discussions. The workshops will provide an opportunity for 10-minute papers as well as introductory talks. All talks which are provided in publishable form will be included in the conference proceedings. These will be used to inform policy makers and enhance worldwide awareness of the critical issues.

It is anticipated that the roster of distinguished speakers will present a balanced view of the problems, options, and opportunities. A primary goal of the conference is to relate our understanding of global climate change to planning and policy in energy production and use. An equally important goal is to encourage the integration of the global climate change scientific community with the energy policy-making community.

The conference is sponsored by Lawrence Livermore National Laboratory, Electrical Power Research Institute, University of California at Irvine, and Los Alamos National Laboratory. In order to encourage vigorous discussion, attendance will be limited to the first 125 respondents.

Enclosed is a registration form. A block of rooms has been reserved at the Hilltop House Hotel. If you wish accommodations there, an early reply is advised (see enclosed for further information). There will be no registration fee, but acknowledged advanced registration will be required. We look forward to your early response.

Sincerely,


Robert Glasser
(For the Organizing Committee)

RG:plr

IGPP:91-0128

-2

June 17, 1991

Cy: IGPP Files

Distribution:

External Organizing Committee:

Ralph Cicerone, University of California at Irvine

George Hidy, Electrical Power Research Institute

William Zagotta, Lawrence Livermore National Laboratory

Louis Rosen, Center for National Security Studies, Los Alamos National Laboratory

Robert Glasser, Center for National Security Studies, Los Alamos National
Laboratory**Internal Organizing Committee:**Charles Keller, Institute of Geophysics and Planetary Physics, Los Alamos National
LaboratorySumner Barr, Earth and Environmental Science Division, Los Alamos National
Laboratory

Linda Trocki, Analysis Division, Los Alamos National Laboratory

**GLOBAL CLIMATE CHANGE:
ITS MITIGATION THROUGH IMPROVED PRODUCTION AND USE OF ENERGY
PRELIMINARY CONFERENCE AGENDA**

Monday, October 21, 1991

Plenary Session 1: Assessing Global Climate Change

Talk I: "Assessment of the Evidence So Far"

Lennart Bengtsson, Max-Planck Institut fur Meteorologie,
Hamburg, Germany

Talk II: "Reliability of the Models: Their Match with Observations"

Warren Washington, Director of Climate and Global Dynamics
Division, National Center for Atmospheric Research, Boulder,
Colorado

Talk III: "When Will We Have Better Evidence?"

Jerry Mahlman, Director of Geophysical Fluid Dynamics
Laboratory, National Oceanic and Atmospheric
Administration, Princeton University, Princeton, New Jersey

AND

George S. Golitsyn, Director, Institute of Atmospheric Physics,
Academy of Sciences of the USSR, Moscow

Plenary Session 2: Energy Technologies and Economics

Talk I: "The Problem: The Role of Energy Production in Greenhouse
Gas Emissions"

Jose Goldemberg, Secretary for Science and Technology, Brazil

Talk II: "The Role of Energy Conservation"

Arthur Rosenfeld, Director, Center for Building Science,
Lawrence Berkeley Laboratory, Berkeley, California

AND

Amory Lovins, Director, Rocky Mountain Institute

Talk III: "Radioactive Isotope Destruction and Accelerator-Driven
Nuclear Reactors"

Edward Arthur, Los Alamos National Laboratory, Los Alamos,
New Mexico

Talk IV: "The Technology and Economics of Energy Alternatives"

Dwayne Spencer, Vice President of Commercialization and Business Development, Electric Power Research Institute, Palo Alto, California

Plenary Session 3: Integrating Climate Change and Energy Policy--A Panel Discussion

Panel I: "How We Think We Can Help the Energy Policy-Making Community--Climate Change Scientists' Perspectives"

Leonard Bengsten, Max-Planck Institut fur Meteorologie, Hamburg, Germany

George S. Golitsyn, Director, Institute of Atmospheric Physics, Academy of Sciences of the USSR, Moscow

Charles F. Keller, Jr., Director, Institute of Geophysics and Planetary Physics, Los Alamos National Laboratory, Los Alamos, New Mexico

Jerry Mahlman, Director of Geophysical Fluid Dynamics Laboratory, National Oceanic and Atmospheric Administration, Princeton University, Princeton, New Jersey

Warren Washington, Director of Climate and Global Dynamics Division, National Center for Atmospheric Research, Boulder, Colorado

Aristedes Patrinos, Department of Energy, Washington, D.C. (n/c)

Panel II: "What We Need From the Climate Change Community--Energy Production and Transportation Sectors' Perspectives"

George Hidy, Vice President, Environment Division, Electric Power Research Institute, Palo Alto, California

Daniel Sperling, Director, Institute of Transportation Studies, University of California at Davis, Davis, California

Dwayne Spencer, Vice President of Commercialization and Business Development, Electric Power Research Institute, Palo Alto, California

Jose Goldemberg, Secretary for Science and Technology, Brazil

Ruth Reck, General Motors Corporation

Tuesday and Wednesday, October 22-23, 1991

Workshops:

Workshop I:

Energy Technologies: Environmental Impacts

Introduction: Bob Shock, Lawrence Livermore National Laboratory, Livermore, California (n/c); William Fulkerson, Oak Ridge National Laboratory, Oak Ridge, Tennessee (n/c)

- A. Fossil Fuels (Oil, Gas, Coal)
- B. Nuclear Fission
- C. Demand-Side Measures (Conservation)
- D. Others (including Solar, Wind, Hydroelectric, and Geothermal)

Ted Taylor

David Bodansky

Amory Lovins, Rocky Mountain Institute

Robert Stokes, Deputy Director, SERI, Colorado

Paolo Ricci, International Energy Agency

Charles F. Keller, Jr., Los Alamos National Laboratory

Workshop II:

Climate Change and the Electric Utilities Sector

- A. How we think we can help the energy production sector: climate change scientists' perspectives
- B. What we need to know from the climate change community: Energy Production Sector's perspective
- C. Response Options (Continued reliance on fossil fuels, move away from fossil fuels, "engineering" the climate, deal with the effects of climate change)

William Emanuel, Senior Staff Scientist, Oak Ridge National Laboratory, Oak Ridge, Tennessee

John Roads, Scripps Institution of Oceanography, University of California at San Diego, La Jolla, California

Alexander Ginzburg, Institute for Atmospheric Sciences, USSR (n/c)

Sumner Barr, Los Alamos National Laboratory

C.-Y. Jim Kao, Los Alamos National Laboratory

Workshop III:

Climate Change and the Transportation Sector

- A. How we think we can help the Transportation Sector: climate change scientists' perspectives
- B. What we need to know from the climate change community: Energy Production Sector's perspective
- C. Response Options (Continued reliance on fossil fuels, move away from fossil fuels, "engineering" the climate, deal with the effects of climate change)

Alex Green, University of Florida

John Laurmann, University of California

Ruth Reck, General Motors

Oleg Favorsky, USSR (n/c)

Workshop IV.

Socioeconomic Dimension of Energy Production and Climate Change

A. Regional Problems and Consequences (Developed World, LDCs, E. Europe, Technology Transfer, International Cooperation)

B. Other Issues: Population Growth, Energy, Climate Change, and National Security

Alex Zucker, Oak Ridge National Laboratory

Christopher Flavin, Worldwatch Institute, Washington, D.C.

Nicholas Lenssen, Worldwatch Institute, Washington, D.C.

Tatiana Kazakova, Ministry of Foreign Affairs, USSR

Thursday, October 24, 1991

Plenary Session 4: Reports from the Workshops

Reports from the Workshops, Roundtable Discussion.

Los Alamos

Los Alamos National Laboratory

Los Alamos, New Mexico 87545

**AFFILIATE
INVITATION REQUEST****PLEASE SEND ALL COPIES TO HRD-2, MS P237, FOR DISTRIBUTION**

Date	
Cost Code	Program Code
Preferred Address (Official Visitors Only) ☐ Home ☐ Business	
Social Security Number	
Telephone Number (Include Area Code)	
Telephone Number (Include Area Code)	

Name (Last, First, Middle)	Title
Employer/Department (Complete Name)	
Business Address (PO Box, Street, City, State, Zip Code)	
Home Address (PO Box, Street, City, State, Zip Code)	

Category (Check One Box) ☐ Consultant ☐ Collaborator ☐ Official Visitor ☐ SARA ☐ Other (Specify) _____		Badge Category III ☐ Yes ☐ No	Citizenship ☒
Dates of Service _____ to _____ ☐ Intermittent		Services To Be Rendered At ☐ Los Alamos ☐ Home Base ☐ Other (Specify) _____	
Foreign National Approval (DOE Form IA-473 and/or Lab Form 982) ☐ Requested (Date) ☐ Granted (Date)		Visa Type Held ☒ Visa Type Required (For J-1, submit Form 1068)	

Name of Contact	Sponsoring Organization	Mail Stop	Telephone Number
Specific Services To Be Rendered (Services shall not involve active participation in actual experimental or other such work.)			

AUTHORIZED PAYMENTS AND REIMBURSEMENTS

Fee ☐ Yes ☐ No	Fee not to exceed (number of days) _____ or \$ _____
Travel ☐ Yes ☐ No	From _____ To Los Alamos To _____
Subsistence ☐ Yes ☐ No	Travel reimbursements authorized away from Los Alamos From _____ To _____ To _____
Rental Car ☐ Yes ☐ No	Maximum travel, subsistence, rental car not to exceed \$ _____

OFFICIAL VISITOR CATEGORY ONLY

Honorarium \$ _____	Stipend (in lieu of transportation, subsistence, and honorarium) \$ _____
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APPROVALS

Signature (Division, AD, DD, DIR)	Typed Name/Title	Date
Comments		

FOR TRAVEL USE ONLY

RECEIVED	SIGNATURE	DATE	CLAIM NUMBER

**GLOBAL CLIMATE CHANGE: ITS MITIGATION THROUGH
IMPROVED PRODUCTION AND UTILIZATION OF ENERGY
OCTOBER 21-24, 1991
LOS ALAMOS NATIONAL LABORATORY**

REGISTRATION FORM

Name (Last, First, Middle)	Citizenship	Country of Birth
Organization	Title	
Business Address	Phone No. (Commercial)	FAX No. (Commercial)
City, State, Zip Code		
☐ I would like to present a paper on the following topic:		
Audio Visual Requirements (Please check appropriate boxes)		
☐ Viewgraph ☐ 3/4" Video ☐ 1/2" Video ☐ 35mm Slide ☐ 16mm Movie		
I would like to attend the following Workshops:		
☐ I ☐ II ☐ III ☐ IV		

ACCOMMODATIONS/TRANSPORTATION

PLEASE CHECK ONE	
☐ I have made a reservation at the Hilltop House Hotel	☐ Other accommodations have been made
PLEASE CHECK ONE	
☐ I will rent a car	☐ I plan to fly Ross Airlines from Albuquerque to Los Alamos

Arrival Date	Departure Date
--------------	----------------

**PLEASE RETURN THIS REGISTRATION FORM
TO THE FOLLOWING ADDRESS BY
SEPTEMBER 1, 1991:**

**LOS ALAMOS NATIONAL LABORATORY
ATTN: ROBERT GLASSER
CNSS, MAIL STOP K306
LOS ALAMOS, NEW MEXICO USA 87545
FAX NUMBER (505) 667-3107**

MEETING INFORMATION

Los Alamos National Laboratory, in conjunction with Lawrence Livermore National Laboratory, University of California at Irvine, and Electrical Power Research Institute, is pleased to host the conference on Global Climate Change: Its Mitigation through Improved Production and Utilization of Energy on October 21-24, 1991. The Los Alamos hosts for this conference are Louis Rosen, Senior Fellow Emeritus, and Robert Glasser, both of the Center for National Security Studies. Logistics details are being coordinated by Jean Carroll of the Protocol Office, 505-667-6574.

LOCATION

The meeting will take place in the J. Robert Oppenheimer Study Center at Los Alamos, with registration beginning at 7:30 a.m., on October 21, and will adjourn at 6:00 p.m. on October 24.

REGISTRATION

If you plan to attend the meeting, the attached registration form must be received by September 1, 1991, at the address indicated. Attendance is being limited to 125 people, so your prompt response is strongly advised.

ACCOMMODATIONS

A block of rooms has been reserved at the Hilltop House Hotel (see map) and will be released after October 6, 1991. Please reference Global Climate Change. The rates are \$53.00 plus tax/single and \$61.00 plus tax/double (complementary breakfast is included in the rate). Please make your reservations directly with the hotel to confirm arrival guarantees and cancellation policies. The phone numbers are: commercial 505-662-2441, toll free 1-800-462-0936, and FAX 505-662-5913.

TRANSPORTATION

The Albuquerque International Airport is the major air terminal nearest Los Alamos. Ross Aviation provides commuter flights between Albuquerque and Los Alamos; the current rate is \$60.00 one way. Reservations can be made by calling Ross Aviation, 505-845-5740. The hotel will provide transportation service to and from the Los Alamos airport if requested at least 24 hours prior to arrival. Transportation will also be provided between the hotel and the Oppenheimer Study Center.

Los Alamos is a two-hour drive from Albuquerque, and rental cars are available in both cities. Agencies maintaining offices in Los Alamos are:

Avis, Hilltop House Hotel, 505-662-5046 and Budget, Los Alamos Airport, 505-662-4226

FOOD SERVICE

Refreshments will be served during morning and afternoon breaks each day.

Lunches and dinners will be no-host. Siderooms have been reserved at the Otowi Cafeteria for discussions during the lunch hour.

There will be a Director-hosted reception on Monday, October 21, from 6:00-7:00 p.m.

MESSAGE CENTER

Assistance will be available during the meeting for travel changes or other special requirements.

Incoming telephone calls may be directed to 505-665-4390. Messages will be posted outside the conference room. Telephones will be available for outgoing credit card or collect calls. Messages may be FAXed to and from 505-667-7558.

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121828

SPEECH: YES NO

FROM: FROHNMAYER, M/M John E.: NATIONAL ENDOWMENT FOR
THE ARTS

DATE OF EVENT: 07/08/91

LOCATION OF EVENT:

TIME OF EVENT: 6:30PM

SUBJECT: INVITATION TO A DINNER IN HONOR OF THE 1991 NATIONAL
MEDAL OF ARTS RECIPIENTS.

RSVP: 06/28/91

CONTACT PERSON:

CONTACT NUMBER: 202/682-5410

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO:

REMARKS:

7/1 Regretted to Mrs. Robbetta
mr

CLOSED

DATE OF LETTER:

DATE RECEIVED: 06/21/91

FILE: P- INVITATION

John E. Frohnmayer
Chairman of the National Endowment for the Arts
and Mrs. Frohnmayer

request the pleasure of your company

at dinner

in honor of the 1991 National Medal of Arts Recipients

on Monday, July 8, 1991

at six thirty

The Diplomatic Reception Rooms

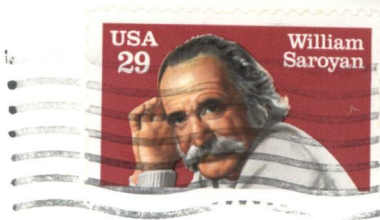
The Department of State

2201 C Street

Washington, D.C.

R.s.v.p. by June 28
(202) 682-5410

Informal



Mr. D. Allan Bromley
Assistant to the President for Science
and Technology
White House
Washington, DC 20500

National Endowment for the Arts
1100 Pennsylvania Avenue, N.W.
Washington, D.C. 20506

13

NATIONAL
ENDOWMENT
FOR
THE ARTS

WASHINGTON
D.C. 20506



A Federal agency advised by the
National Council on the Arts

RECEIVED

91 JUN 21 A10:34

OFFICE OF THE
DIRECTOR

GUIDANCE FOR USING THE DIPLOMATIC RECEPTION ROOMS

The Bureau of Diplomatic Security MUST be provided with the following information prior to the Chairman's Dinner honoring the 1991 National Medal of Arts recipients. We must have this information as soon as possible. Attendees whose names are not on the list we send over to the State Department may be denied admittance. You may fax the information to me at 202/682-5798.

- a. Full name
- b. Social Security Number
- c. Citizenship
- d. Date of birth

All guests will be required to identify themselves by presenting the following approved photographic identification:

valid U.S. Government photographic identification cards

valid U.S. military photographic identification cards

all valid passports

valid U.S. photographic state drivers licenses

If you have any questions, please contact me at (202)682-5410

Susan M. Houston
Special Projects
Office of the Chairman

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121799

SPEECH: YES NO

FROM: GREENE, J. Morgan: INVENT AMERICA

DATE OF EVENT: 06/27/91

LOCATION OF EVENT:

TIME OF EVENT: 1:45PM

SUBJECT: INVITATION TO LUNCH AND/OR JUDGING TO SELECT THE
1991 WINNERS OF THE INVENT AMERICA! STUDENT
INVENTION COMPETITION.

RSVP: 07/21/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

~~YES~~ NO

COPIES TO:

REMARKS:

DATE OF LETTER: 06/10/91

DATE RECEIVED: 06/19/91

FILE: P INVITATION

RECEIVED



10 June 1991

91 JUN 19 P 1:42

Marian Nida
Special Assistant - ?
Dr. Allen Bromley
Assistant to the President & Director
Office of Science & Technology
Old Executive Office Building, Room 360
Washington, D.C. 20506

OFFICE OF THE
DIRECTOR

Dear Marian:

Enclosed is the material on INVENT AMERICA!, the widely acclaimed education program and invention competition. This program is helping millions of school children develop the skills they will need to successfully meet the challenges of today's highly complex technological world and tomorrow's competitive global market place.

I am delighted to invite Dr. Bromley to lunch and/or judging on June 27, 1991 at the Smithsonian. Should scheduling not permit luncheon, the judging will begin at 1:45 p.m. and proceed at the individuals pace. It is a very pleasant upbeat, yet meaningful few hours. His participation would make a significant contribution to the education of our kids and the future of our nation.

Please advise me as soon as possible regarding Dr. Bromley's participation.

Sincerely yours,


J. Morgan Greene
Chairman

Enclosures
JMG/MI



June 10, 1991



Dr. Allen Bromely
Assistant to the President & Director
Office of Science & Technology
Old Executive Office Building, Room 360
Washington, D.C. 20506

Dear Dr. Bromely:

I write to invite you to join a distinguished panel of judges who will gather at the Smithsonian in Washington, D.C. this June 27 to select the 1991 winners of the INVENT AMERICA! student invention competition.

Although challenging, your task will surely not be without reward! You will delight in the discovery of American ingenuity through the eyes of a child, and you will leave with a deep sense of renewed faith in our nation's future work force.

The selection of our nine national winners - one from each grade, kindergarten through eight - is the grand finale to our year-long INVENT AMERICA! education program. Launched in 1987 by then-Vice President George Bush who now serves as honorary chairman, INVENT AMERICA! was established to help children become innovative thinkers by challenging them to identify and solve problems by creating their own inventions. They learn to develop and apply math, science, language arts and creative thinking skills - skills crucial to their ability to successfully meet the challenges of today's highly complex technological world.

INVENT AMERICA! is a nonprofit endeavor, funded by such major corporate sponsors as K mart, Pepsi-Cola, Polaroid, Dow Chemical, and others interested in creating a strong, competitive work force. Their support enables us to provide schools with education materials, classroom lesson plans and activities, including our annual INVENT AMERICA! Think Link event which delivers free training and program materials to more than 50,000 educators.

This private sector sponsorship also makes possible the annual invention competition you are asked to help judge. This competition provides over \$600,000 in incentives for students, their schools and teachers through state, regional and national awards programs, including trips to Washington, D.C. to participate



United States Patent Model Foundation
Courthouse Square • 510 King Street • Suite 420 • Alexandria, VA 22314 • (703) 684-1836

10 June 1991
Page 2

in National INVENT AMERICA! week as designated by Congress. As a national jurist, you will review this year's regional winning entries to determine the 1991 finalists, or national winners who are traditionally recognized by the President during INVENT AMERICA! week in July. Selection is based on such criteria as an invention's originality and usefulness, execution of ideas, clarity of written description, illustration, etc. The judging begins with a luncheon to enable panelists to get acquainted. The selection process - a lively and informal event - will begin at 1:45 p.m. The panel should finish by 3:00 - 4:00 p.m. More information about INVENT AMERICA! is enclosed, including several examples of student entry forms from previous years.

I hope you will accept our invitation to participate as a 1991 jurist. You will be making an important contribution to this exciting program, and joining an illustrious alumni of panelists which include nobel laureates, National Inventors Hall of Fame inductees, business and education leaders, members of congress, senior White House, Library of Congress and Smithsonian officials, members of the Court of Appeals Federal Circuit and others who share the vision of a bright America through our nation's children.

Sincerely for kids and country,



J. Morgan Greene
Chairman

Enclosures
JMG/MI



THE WHITE HOUSE
WASHINGTON

I am delighted to extend warm greetings to all those gathered in Washington, D.C., for the annual INVENT AMERICA! Week celebration and award ceremony.

Confronting the vast, untamed territory of the New World, our forefathers built a nation with nothing more than their bare hands and what we proudly call American ingenuity. It was this creative force that inspired the works of great men like Alexander Graham Bell, Thomas Edison, the Wright Brothers, Henry Ford, and Robert Goddard. Their inventiveness and that of thousands of others have helped make our nation strong and prosperous.

Today, our country continues to rely upon that ingenuity and pioneering spirit for our economic growth and technological progress. That is why the INVENT AMERICA! program is so important. By encouraging the curiosity and creativity of young people, and by fostering in them a love for achievement, the United States Patent Model Foundation is making a substantial contribution to the future of the United States.

I salute each of this year's award winners. Your inventions reveal genuine sensitivity to the needs of others, as well as great imagination and careful design. You can be very proud of your outstanding efforts.

Barbara joins me in offering our congratulations to each student inventor and our very best wishes to all for a memorable event and for every future success. God bless you, and God bless America.

Ag Bush



United States
of America

Congressional Record

WASHINGTON, DC

TUESDAY, MAY 7, 1991

Senate

NATIONAL INVENT AMERICA! WEEK

By Mr. Warner (for himself, Mr. DeCONCINI, Mr. GLENN, Mr. INOUE, Mr. COCHRAN, Mr. ROBB, and Mr. SEYMOUR):

S.J. Res. 140. A resolution to designate the week of July 27 through August 2, 1991, as "National Invent America! Week";

• Mr. WARNER, Mr. President, in celebration of the soaring spirit of pride in the youth of America and in the wake of our noble success in Desert Storm, I am proud to introduce legislation today to designate July 27 through August 2, 1991 "National Invent America! Week."

I can think of no finer hour to introduce this legislation to my colleagues and the Nation than now, as many of America's best and brightest are returning from the Persian Gulf as heroes of the war and of the American can-do spirit.

At the very heart of America's greatness is its inventive and independent spirit. This spirit allowed our first Americans the freedom to forge a new nation that has gone on to lead the world in technology, innovation, and invention. Our Nation's Leadership ability and economic vigor throughout the last two centuries has characterized the "never say never" drive of America's inventors and innovators who dared to challenge the unknown and to fight for a better world for all of us.

That very spirit that helped found our Nation can be seen in each young face returning from the Persian Gulf. Because of the Invent America! Program, our young people have been given the opportunity to nurture their entrepreneurial spirit.

It is precisely that spirit that allows our Nation to continue to lead the way for others.

As President Bush recently said, "We hear so often about our young people in turmoil; how our children fall short; how our schools fail us; how American products and workers are second class. The America we saw in Desert Storm was first class talent...They did it using America's state-of-the-art technology."

It is perhaps impossible to know exactly how many of our young soldiers serving in the gulf participated directly in the Invent America! Program in their schools. But I do know that Invent America! has touched the lives of millions of students in grades kindergarten through eighth grade each year since being launched by President Bush in 1987. Invent America! is now recognized internationally as one of the most successful public-private partnerships expanding student knowledge and innovation.

As testimony to Invent America's international recognition, two winners in the program, Brad Bolerjack of Lockport, IL and Katherine Szudy of Parma, OH, have been awarded highest honors in the Japanese Institute of Invention and Innovation's Fourth World Competition and exhibition of Young People's Inventions in Tokyo.

These bright young American students' inventions were selected from more than 200 entries from 30 nations as 2 of 11 world class winners invited by the Japanese to receive their awards in Tokyo. I salute Brad and Katherine and Invent America! for a job well done.

Today President Bush serves as honorary chairman for the Invent America! Program which is available to all of our Nation's 31 million children through this critical public-private sector partnership. The Invent America! Program is designed and administered by the nonprofit U.S. Patent Model Foundation located in Alexandria, VA. Funding for Invent America! is provided by corporations such as; K-Mart, Pepsi-Cola, and Polaroid.

This summer, Invent America! will host its 45 regional finalists in the 1991 Invent America! Competition during a week long celebration in our Nation's Capital. The highlight of Invent America! Week is the annual Congressional Ice Cream Social and the National Awards Ceremony announcing the nine best student inventors in America.

It is a pleasure to take this opportunity to honor our Nation's young people and to urge my colleagues to join with me in designating the week of July 27 through August 2, 1991 as National Invent America! Week. •



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of America

Congressional Record

PROCEEDINGS AND DEBATES OF THE 101st CONGRESS, SECOND SESSION

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WASHINGTON, WEDNESDAY, MAY 9, 1990

No. 57

House of Representatives

NATIONAL INVENT AMERICA ! WEEK

HON. MICHAEL BILIRAKIS

of Florida

In the House of Representatives

Wednesday, May 9, 1990

Mr. BILIRAKIS. Mr. Speaker, today I am introducing legislation designating the week of July 22 through July 28, 1990 as "National INVENT AMERICA! Week."

I am taking this action with two specific purposes in mind. One, to pay tribute to what I have always felt to be at the heart of America: A creative and entrepreneurial spirit. And two, to encourage the boundless development of this spirit in the innovators and inventors of the future: our children.

The United States Patent Model Foundation, a private, nonprofit organization, is seeking to focus the Nation's attention on the critical pursuit of ideas in a global marketplace where America no longer is considered the undisputed leader. Therefore, in 1986, this organization launched its "INVENT AMERICA!" program in elementary schools throughout the country.

Now in its fourth year, the program sponsors student invention programs and competitions designed to foster creativity and analytical problem-solving skills. Since its inception, more than 30,000 elementary schools have participated in this program and its school, State, regional and national competitions.

President George Bush serves as its honorary chairman and the program has the support of the U.S. Departments of Education and Commerce, as well as the National Science Foundation. In fact, INVENT AMERICA! was singled out for recognition from among 140,000 such programs in the Secretary of Education's Special Report to the President, "America's School: Everybody's Business."

INVENT AMERICA! enjoys wide private sector support as well. In fact, this successful public-private partnership is proof that government and industry can work together, hand-in-hand, keeping alive and nurturing the spirit of entrepreneurship and ingenuity in our Nation's young people.

I urge all of my colleagues who envision a bright and challenging future, Who can see the potential in young minds and who want to ensure that our young people are prepared to meet the future's challenges to cosponsor this legislation.

The Chairman of the United States Patent Model Foundation
cordially invites you to participate
as a jurist
in the selection of the national award winners of the
1991 INVENT AMERICA! student invention competition
Thursday, June 27, 1991
at the
National Museum of American History
Smithsonian Institution
14th and Constitution Avenues, Northwest
Washington, D. C.
Presidential Suite - First Floor
Luncheon at 12:30 p.m.
Judging immediately following

R.S.V.P.

June 20, 1991

703/684-1836



CHILD'S PLAY

PHOTOGRAPHS BY MIKE MITCHELL

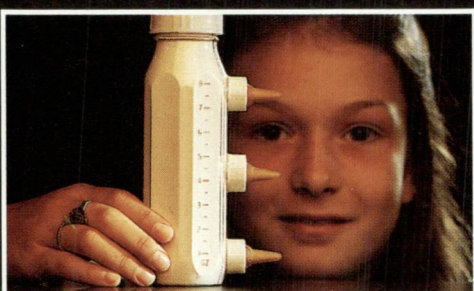
It looked like we had lost our American ingenuity. Of the 76,800 U.S. patents issued in 1986, 44 percent were issued to foreigners. In 1987, of the 88,793 patents issued, 47 percent went to foreigners. We needed a way to revive the spirit of inventiveness—and we may have found it. In January 1987 J. Morgan Greene, a retired investment banker, and Nancy J. Metz, a marketing consultant, started Invent America!, a national annual competition intended to spark the imaginations of this country's children. To date, an estimated 30,000 elementary schools have participated in the Invent America! contest. Shown on these pages are the national winners for 1988 (from kindergarten through the eighth grade), plus one regional winner, and their inventions. These projects will be on exhibit at the Smithsonian Institution's National Museum of American History in Washington, DC, until the end of 1988. Invent America!, a nonprofit organization, is supported by various sponsors, including Caterpillar Corporation, Dow Chemical, Dow Corning, K mart, MasterCard International, and Pepsi-Cola. For further information, write to Invent America!, 510 King Street, Suite 420, Alexandria, VA 22314.

**RANDAL SIX
WORLAND MIDDLE SCHOOL
WORLAND, WYOMING**

Eighth grader Randal wanted a safe but cheap way to heat his backyard shed. So he created a solar heater made out of 20 soda cans painted black. The sun heats the inside of the cans, and a small fan pushes the warm air through a ventilation hose. The heated air comes out at 106°F.

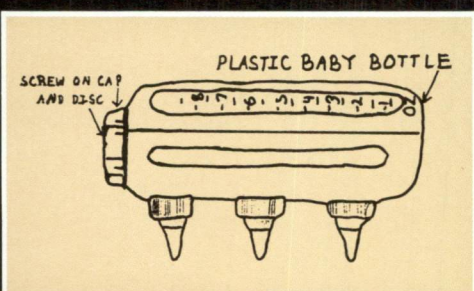






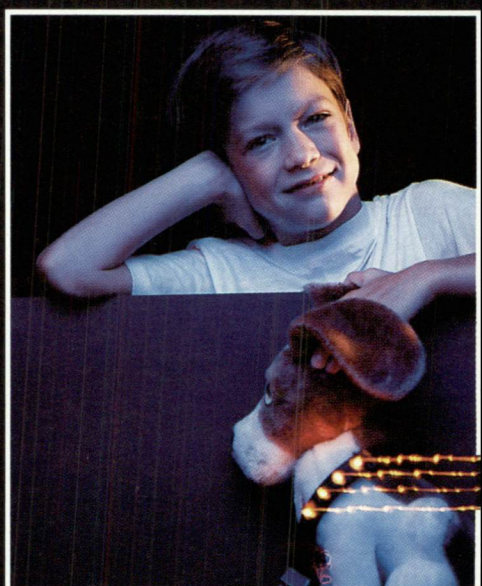
CAITILIN McCracken
WAWALOAM SCHOOL, EXETER,
RHODE ISLAND

Caitilin, a third grader, called pet stores before developing her orphan-kitten feeder (left and below left). She took a plastic baby bottle and adapted it by adding multiple nipples. Not only is it a time-saver, but Caitilin also believes that "being close together helps orphaned kittens feel like they are safe with their mother."



MATTHEW GHORMLEY
JEFFERSON JUNIOR HIGH SCHOOL
OAK RIDGE, TENNESSEE

Matthew's device (below), a wooden cross that attaches to a musician's chair, prevents his unwieldy cello from slipping and sliding while he plays. Matthew, now in sixth grade, has played cello for four years. The invention can be folded to fit inside a cello case.

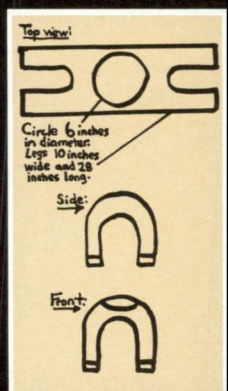


COLLIN HAZEN
LEWIS AND CLARK ELEMENTARY
SCHOOL
FARGO, NORTH DAKOTA

Collin wanted to protect dogs from nighttime traffic. He made a collar with battery-powered lights. "People know to stay away from cars, but not all animals do," explains the first grader.

ANDY HARDAKER
STOCKTON
ELEMENTARY
SCHOOL
JACKSONVILLE,
FLORIDA

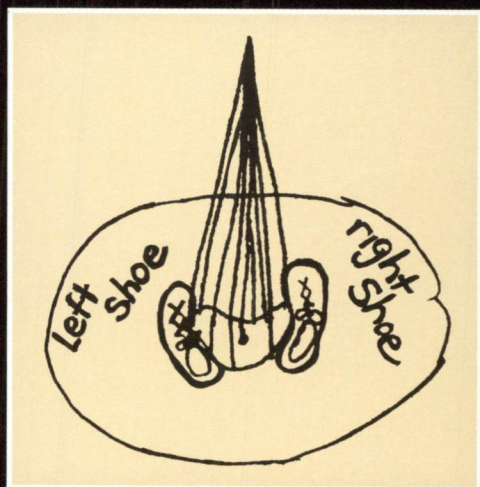
Andy designed an inflatable underwater gym (right and far left). Says this fifth-grade student, "I have shopped for water toys and have never seen an idea like mine."





LaSAGE WISNIEWSKI
ARTHUR MIDDLETON SCHOOL
WALDORF, MARYLAND

When LaSage grows up, she wants to follow in her mother's footsteps and become a teacher. In the meantime she's more concerned with telling her left foot from her right. "Kids seem to

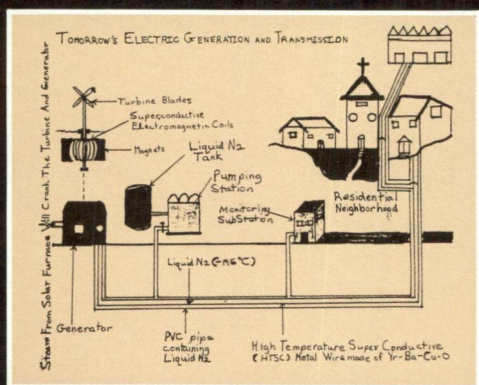


have this problem," says LaSage, a kindergartner. Her solution: The "Sur-footer" helps children determine which shoe goes where by aligning each shoe's inner curve with the cone.

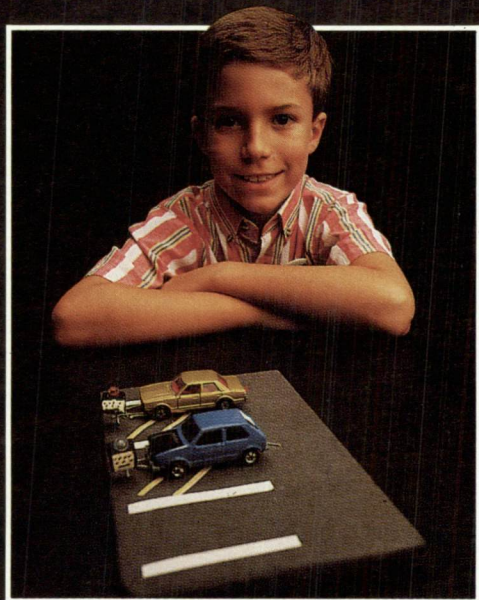
SACHIN PATEL
ST. ROSE GRADE SCHOOL
SCHULENBURG, TEXAS

This third grader's solar furnace/superconductive electrical generator (next page) had Invent America! judges Steve Wozniak (Apple Computer cofounder) and Gordon Gould (laser inventor) arguing over its feasibility. Sachin's idea:





Use superconductivity to transmit electricity. As there's no internal resistance in superconductive metal wires, they move electricity without energy loss. (Sachin suggests they would also do away with transformers.) His project, which won a regional prize but didn't garner a national award, was the favorite of Kathy Keeton, Invent America! judge and *Omni* president.



DANIEL K. COUDRIET
JACKSON DAVIS ELEMENTARY
SCHOOL, RICHMOND

Daniel created a way to keep the able-bodied out of the parking spaces set aside for the handicapped. This fourth grader equipped a parking meter with a timer. "A car enters the handicapped space," he explains, "and activates the meter. If a 'handicapped' card is not used to deactivate the meter, a buzzer and light alarm system go off. The able-bodied person must leave the space in order to stop the alarm."



CAM RAINES
T. J. ELDER MIDDLE SCHOOL
SANDERSVILLE, GEORGIA

Cam's invention was born of necessity: She has cystic fibrosis. "I've been in the hospital a lot and had to have intravenous tubes in my arms. Because my veins are hard to find, the nurses have sometimes had to stick me eight or nine times." Her cufflike device (above) is slipped over the arm, then heated up: As a result the veins expand, making them easier to find. This seventh-grade student's invention runs on batteries.

LILLIAN RUTH
LUKAS
DALLIN SCHOOL
ARLINGTON,
MASSACHUSETTS

Lillian's idea came to her when she saw a blind man slipping in the rain. The cane she developed beeps if it comes in contact with water, steering the blind away from puddles. This "talking" stick also emits a click, making it easier to find when dropped. Manufacturers have expressed interest in this invention created by a second grader. **DO**







INVENT AMERICA! BACKGROUND

INVENT AMERICA! is a national education program and student invention competition designed to stimulate creativity and develop problem solving skills in our nation's 31 million school children. The INVENT AMERICA! program is available to all public and private elementary school students in grades kindergarten through eight.

Addressing a critical need in education today, INVENT AMERICA! is preparing students to assume the challenges of our increasingly complex and competitive technological world. Currently, almost half of all U.S. patents are awarded to foreign nationals, a dramatic increase from 11% in the 1960s. By rekindling the spirit of American ingenuity and inventiveness in our future workforce, INVENT AMERICA! is helping to keep America competitive.

Launched in 1987 by then-Vice President George Bush, who now serves as its honorary chairman, INVENT AMERICA! provides free educational materials and more than \$600,000 in awards annually to schools, teachers and students. INVENT AMERICA! also sponsors national and regional conferences and in-service workshops for educators and parents.

Since its inception, more than 30,000 elementary schools have participated in the INVENT AMERICA! program, which culminates in the annual national student invention competition in Washington, D.C. To reach the national finals, student inventors must first win their school, state and regional competitions for their grade levels.

One student invention from each grade, kindergarten through eight, is selected for each state. From the state winners, 45 regional INVENT AMERICA! winners are named. The regional student winners, their parents and teachers then travel to Washington, D.C. to participate in the national INVENT AMERICA! festivities held in July. The highlight of this week is the announcement of the nine national award winners.

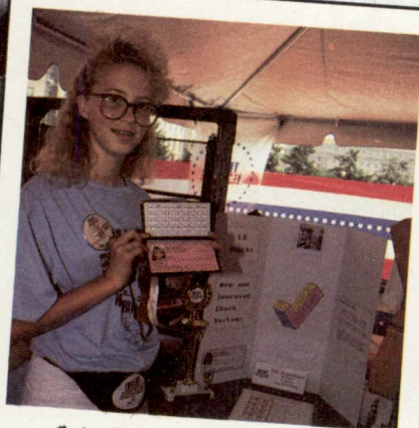
The program is an example of a successful public/private partnership at work. INVENT AMERICA!'s major corporate sponsors, which include Dow Chemical, K mart, Burroughs Wellcome, Lego Dacta, Polaroid, MasterCard International and the Pepsi-Cola Company, play an important role in incorporating the program into classrooms across the country. Kiwanis International also recognizes INVENT AMERICA! as a major emphasis program and encourages its members to support INVENT AMERICA! at the local level. The INVENT AMERICA! private sector partnership was singled out for recognition from among more than 140,000 such programs in Secretary of Education Lauro Cavazos' special report to the President, "America's Schools: Everybody's Business."

INVENT AMERICA! is sponsored and administered by the nonprofit United States Patent Model Foundation. The Foundation is not a part of the U.S. Patent and Trademark Office or any government agency. For more information, call or write INVENT AMERICA! headquarters at: 510 King Street, Suite 420, Alexandria, VA 22314, 703-684-1836.



REKINDLE THE SPIRIT OF AMERICAN INGENUITY

Bringing Bright Ideas out of Young Minds



Nicki Jo Lindstrom
North Dakota
"100 Checks"



Voyager pilots Dick Rutan
and Jeana Yeager with
Jarrett Jacobs of Alabama



Ryan White
Indiana
"The Plant Guard"



Mark McGrath
South Carolina
"Mark's Sink Flush"



Emily Peters
Virginia
"Beach Umbrella Fan"



Sachin Patel
Texas
"Fiber Optic Indoor Lighting"



INVENT AMERICA!

Every child can participate and feel successful regardless of background, academic standing, physical abilities, from special ed to gifted and talented. INVENT AMERICA! levels the playing field and gives all students a chance to feel good about themselves. Every student is a winner in INVENT AMERICA!

"My school will open in one month," wrote 8-year-old Sachin Patel of Schulenburg, Texas. "Already I'm thinking about a new invention for my INVENT AMERICA! project for next year!"

An 8-year-old boy anxious to get back to school? You might think it unusual, but Sachin is just one of millions of highly motivated elementary school students excited about learning by inventing.

Kids in kindergarten to eighth grade are busy inventing solutions to problems large and small—for the environment, the homeless, for people with "special needs," right up to the proverbial better mousetrap. And, as they learn to think creatively, these children are preparing themselves for the challenges of our increasingly complex, technological world.

It's all part of a nationwide effort of the non-profit United States Patent Model Foundation's education program, INVENT AMERICA! Now entering its fifth year, INVENT AMERICA! is helping kids develop creative, problem-solving thinking skills, providing a way to learn that kids, parents, education experts, and leaders of government and industry all applaud.

The Washington, D.C. based Foundation was organized in 1984 by founders J. Morgan Greene and Nancy J. Metz who serve as chairman and executive director. The Foundation was originally established to develop and fund a \$20 million project for the recovery of 19th century models of patented inventions, for the benefit of the Smithsonian (see article in this section). Once efforts were underway, however, the need to broaden its programs to include a major education effort was soon apparent. Greene describes those early days, "we were working to preserve 19th century patent models, a national treasure tracing our growth from an undeveloped nation into an industrial giant.



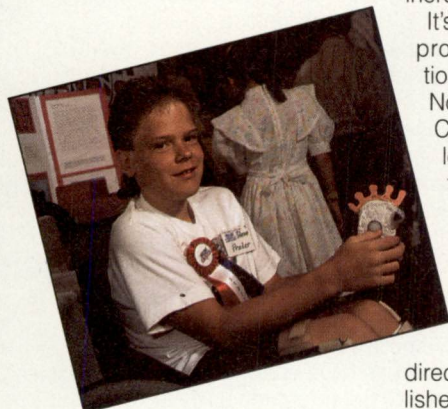
Yet the irony was that American ingenuity was fast becoming a hollow phrase. The United States no longer set the standard for innovation; we could barely keep up." A look at the statistics revealed the following facts:

- In the early 1960's, 89% of all U.S. patents were issued to Americans; by the mid-80's we accounted for only 50%. The balance of these U.S. patents—the benchmark of our nation's industrial prowess—were being issued to foreign nationals.
- During that same time our nation's annual trade deficit went from a \$50 billion surplus to a \$150 billion deficit.
- More alarming, the thinking skills of American school children—the ability to create, reason, and solve problems—versus those of other nations—were consistently ranking in the bottom 20% of the world's industrial nations.

Even more foreboding, continues Greene, was that "industry leaders everywhere were deeply concerned that young people entering the job market were deficient in the basic skills needed to perform simple tasks. The warnings in the landmark U.S. education study, 'A Nation at Risk,' were beginning to haunt us."

Because of these compelling issues, in 1986 the Foundation began looking for ways to address these education concerns, to "rekindle the spirit" of American ingenuity.

"We had been hearing about schools that were using invention projects as a way to help kids develop higher level thinking skills," says Metz, "and we became very excited by their results. Helping kids develop problem-solving skills while creating an invention renaissance among young people seemed a perfect way for us to address these major issues."



TOP RIGHT: Regional winner Corinda Herrington with her mom Joyce (l.), Congressman Lindsey Thomas (c.), and teacher Thelma Lockhart (r.), all of GA.

ABOVE: Stephen Plater of IN was a 1990 state winner.

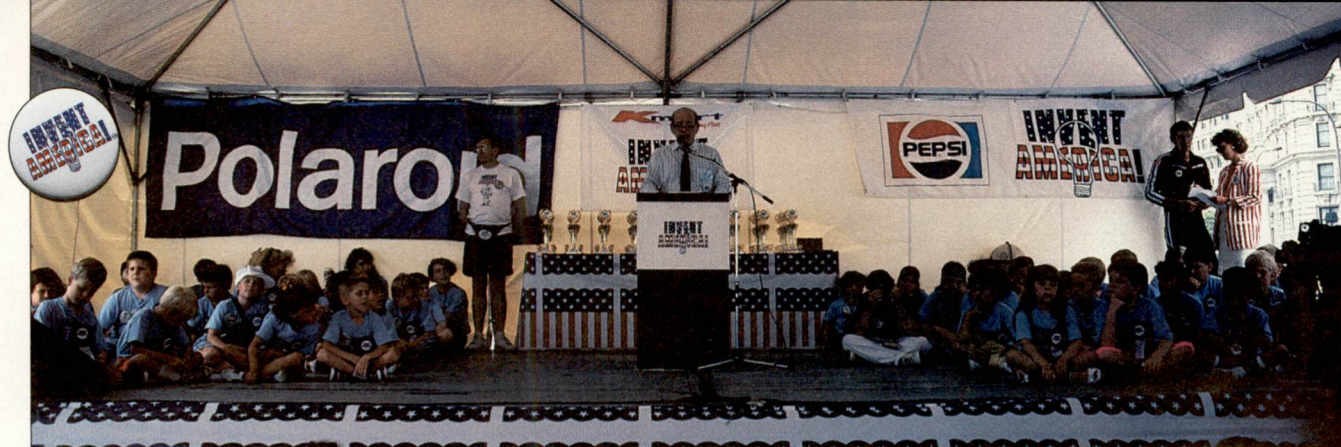
BELOW: President George Bush, INVENT AMERICA's honorary chairman, surrounded by 1988 INVENT AMERICA! winners.



INVENT AMERICA! BEGINS

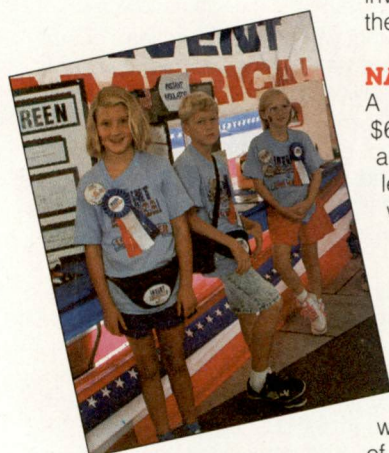
Working with a host of educators from across the country who generously shared their ideas and expertise, the Foundation began developing materials and a plan to make INVENT AMERICA! a part of every school and classroom in the country.

The basic elements included handbooks for students with step-by-step tips for inventing; lessons and activities for teachers to guide classroom instruction; a handbook for administrators with suggestions for ways to generate local support and administer the program; and the INVENT AMERICA! Creative Resource Guide which lists hundreds of resource materials available through INVENT AMERICA! to



TOP: INVENT AMERICA's J. Morgan Green at opening ceremonies for INVENT AMERICA! Week festivities.

BELOW: Enjoying INVENT AMERICA! Week are (from left to right) Michelle Giese of CA, Jarrett Jacobs of AL, and Jonathon Merickel of MN.



Pat Thomas of NM—
INVENT AMERICA! 1988
Educator of the Year.



INVENT AMERICA! is a program of the non-profit United States Patent Model Foundation. Funding for the program and contest awards are provided by corporate sponsors and private contributions.

(INVENT AMERICA! continued)

nurture creativity. Aware that educators needed help to learn new techniques and rethink old methods of teaching, INVENT AMERICA! also made educator training available. Drawing on education experts and leading authorities skilled in helping children develop critical and creative thinking skills, INVENT AMERICA! began its national and regional conferences. Opportunities for parent and community involvement were also made an integral part of the program.

NATIONAL COMPETITION

A national competition with more than \$600,000 in awards for students, teachers and schools at state, regional and national levels was incorporated into the program. It was also announced that the 45 regional winners, their parents and teachers would be invited to Washington, D.C. in the summer to participate in an annual National INVENT AMERICA! Week celebration, during which the nine national award winners would be announced.

With these plans in place, the program was launched in January, 1987, with the help of then-Vice President George Bush, now honorary chairman, who sent messages to schools and students telling them, "America needs your new ideas." The program was an immediate success.

EDUCATORS LOVE THE PROGRAM

Kevin O'Brien, INVENT AMERICA! program vice president notes, "Educators were quick to realize that INVENT AMERICA! could actually make their job easier. It's a great way to integrate the curriculum. Best of all, kids love it. The overwhelming response from parents, teachers, and kids right from the beginning told us we had a winner."

Kindergarten teacher Pat Thomas of Clovis, New Mexico, now in her fourth year of the pro-

gram agrees. "By the time the children complete their INVENT AMERICA! projects they apply almost every area of knowledge. They develop an ability to identify and isolate a problem, they learn how to evaluate and analyze, they test and refine their ideas, to bring about the desired results. Children take an abstract concept of their own and turn it into a three-dimensional object, an invention, which they name, describe, draw and display. Some kids even create marketing and advertising plans complete with jingles and commercials. From start to finish they've used math, science, language arts, social studies, and library research skills; these are exercises in creative problem-solving that have lifelong meaning."

Many schools turn to INVENT AMERICA! instead of science fairs. It helps develop many of the same scientific principles yet allows a student who may be "science shy" to participate. Many students are drawn to inventing because it has more meaning—they problem-solve according to their own interests.

A PROGRAM FOR ALL KIDS

Metz adds, "Along the way kids find that their ideas have power and potential; they explore the lives of famous inventors before them and see how their ideas have changed the world in which we live. Children are much more willing to take creative risks when they discover there is no such thing as a bad idea."

This is a vital part of the program, according to O'Brien. "This program is providing opportunities for expression and creativity for all students, including those who might have never received recognition for their accomplishments."

Every child can participate and feel successful regardless of background, academic standing, physical abilities, from special ed to gifted and talented. INVENT AMERICA! levels the playing field and gives all students a chance to feel good about themselves. Every student is a winner in INVENT AMERICA!"

HOW TO START AN INVENT AMERICA! PROGRAM IN YOUR SCHOOL

Send for a free INVENT AMERICA! starter kit which contains everything necessary to begin—including student, teacher, and administrator handbooks, and contest entry forms. Kits are free, but please include \$2.95 for postage and handling. To obtain a copy of the Creative Resource Guide, include an extra \$2.50. Send check or money order to: INVENT AMERICA!, 510 King Street, Suite 420, Alexandria, VA 22314, Attention: IA/GH.

INVENT AMERICA! CREATIVITY WORKSHOPS

INVENT AMERICA! offers an exciting series of national and regional conferences/workshops for educators. Parents are also welcome to participate! Workshops focus on the latest techniques to help children develop creativity and higher level thinking skills. Inservice programs are also available for schools. Write INVENT AMERICA! for details, Attention: Conferences.

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"Everyone is born with the ability to become creative," says Joyce Jontune, Executive Director of the Creative Association in Minneapolis. As Gil Rowe, a Maitland, Florida child development professional states, "all children are naturally curious - and that's the first step toward creativity. As children take what they learn and develop their own ideas, parents should support those ideas and encourage kids to have

goals." Rowe sees self-esteem and creativity as mutually nurturing. Giving a child freedom to create

something establishes self-esteem, which in turn leads to more creativity. "Once a child feels good about herself because of something she's accomplished, she can expand her possibilities through imagination."

IS YOUR CHILD CREATIVE?

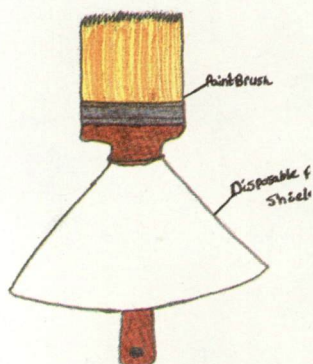
Helping Creativity Flourish

"Imagination is more important than knowledge, for knowledge is limited, whereas imagination embraces the entire world."

Albert Einstein



SIDE WINDOW WIPER
Jennifer Gove, TX



DISPOSABLE PAINT SHIELD
Stacye White, MO

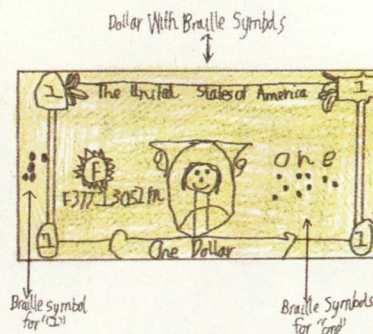
NURTURE A CHILD'S IMAGINATION

At an early age, a child feels that he can be whatever he wants to be; the whole world is open to him. It is only later—if his natural creativity has been stifled—that doubts, even lack of interest sets in. It is a parent's job to help a child hang on to that early, almost inborn, self-confidence and encourage the kinds of ideas that will solve a problem, fulfill a need, or make something beautiful.

LET A CHILD MAKE MISTAKES

Karen Willoughby, INVENT AMERICA!'s 1990 Educator of the Year, from Fairfax, Virginia, advises that, in order to foster creativity, parents have to understand what stifles it. "There is such a thing as helping too much. With the best intentions, a parent can get in the way by not giving a child free rein; it is better to let him make mistakes than to take away his initiative."

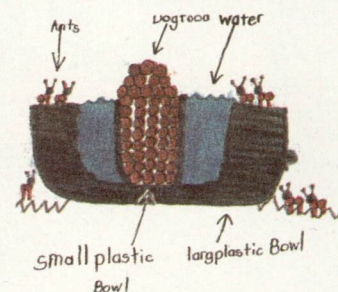
Another stiffer is evaluating something a child is working on too soon. A parent, looking at a project from the perspective of experience, could squelch it with a remark like, "that looks



DOLLAR WITH BRAILLE SYMBOLS
Tait Biesinger, GA

like it's going to be a problem." A better comment would be, "gee, tell me how that works," or "what would happen if you were to do this?"

"Watching what a child does too closely can be limiting," says Willoughby. Other creativity-inhibitors she cites are: restricting choices more than is necessary; fostering competition—pitting one child against another; and offering rewards. Instead, kids should be encouraged to experience the intrinsic reward of having accomplished something. Have him



ANTS BEWARE DOG DISH
Drew Kornegay, TX

talk about what he's done and how he feels about it. Parents should talk, too. It's important that they share experiences with their children. . . talk

about their own accomplishments (they don't have to be major ones), and failures. "Show your child that you do things for their own sake—and that's the reward—instead of doing things just because you're going to be given something," says Willoughby.

GIVE CREATIVITY TIME AND SPACE

Most of all, these educators agree, give kids time to work out their ideas and give their imaginations a chance. As Jontune says, "The key is to light the spark and fan the flames often."

7 BLOCKS TO CREATIVITY

1 LACK OF SELF-CONFIDENCE. An adult can help instill confidence by respecting a child's ideas and efforts. Once he's experienced accomplishment, self-confidence will grow.

2 TENDENCY TO CONFORM. Let a child know that the "different drummer" of Thoreau fame is perfectly okay to listen to. In fact, it is desirable to break away from what everyone else is doing.

3 EXCESSIVE ENTHUSIASM. When a child's enthusiasm is untempered by thought in the early stages of a project, the tendency is to rush it—which can lead to abandonment if success isn't immediate. An adult should encourage a child to think the project through.

4 SATURATION. Being subjected to too much of any one thing diminishes original thinking and imagining. Expose your child to cultural events. Suggest new games and activities.

5 EMOTIONAL NUMBNESS. A child must feel good about himself and those around him in order to develop ideas. Encourage him, by your example, to respect other people's ideas. Praise freely.

6 LACK OF IMAGINATIVE CONTROL. People who think they are not imaginative hold themselves back from a vital step in the creative process.

7 NEED FOR FAMILIAR, HABIT-BOUND THINKING. Encourage thinking in new ways. One of Gil Rowe's methods is having kids put together a special jigsaw puzzle designed with the straight edges on the inside; for this, old ways of putting the pieces together just won't work.

Compiled by the Center for Studies in Creativity at the Buffalo College of the State University of New York

Kmart Salutes INVENT AMERICA!™

Tomorrow's leaders are in today's playgrounds. That's why Kmart is proud to be the sole retail sponsor of the U.S. Patent Model Foundation's INVENT AMERICA!™ program. This nationwide non-profit education program invites children in kindergarten-8th grade to design inventions aimed at solving everyday problems in the world. The competition encourages creativity, while improving their problem-solving abilities. Everyone's a winner when we inspire our children to succeed!

For a free starter kit write: INVENT AMERICA!™, 510 King Street, Suite 420 Alexandria, VA 22314. Include 2.75 for postage/handling



Kmart congratulates Julie Dolly, winner of the first Kmart-sponsored INVENT AMERICA!™ Environmental Contest. Julie, a 4th grader from Vaughn Elementary in Vaughn, Washington, invented an "Easy-off Label" to prepare cans for recycling. As the Grand Prize Winner, Julie received a trip to Washington D.C. where she was awarded a trophy, earth book and a \$1000 savings bond. INVENT AMERICA!™ was developed by the non-profit U.S. Patent Model Foundation

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The quality you need,
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Faced with limited resources and a growing education crisis, more and more schools are seeking support from parents, businesses, civic groups, and nonprofit organizations.

Parents are not just offering their services at bake sales and fundraisers either—they're offering their professional skills to supplement and enhance the education experience—helping teachers teach.

Fran Cecelia of Baldwin Borough, PA, working mother of INVENT AMERICA! winner Elizabeth Ann, comments, "Often both parents work today so we immediately identify with problems in finding skilled, properly educated workers. We're alarmed that kids are not getting the education they need and we know that schools cannot do it alone. We need to help."

Parental involvement is essential to INVENT AMERICA! Our materials suggest different ways parents can participate—such as encouraging kids to feel free to express their ideas; helping them build models; assisting at events to display children's inventions; and sharing their skills and expertise. For example, San Francisco patent attorney Virginia Medlen recently invited her daughter's class to her office at Limbach, Limbach and Sutton to learn about patents and inventions firsthand from an expert mom!

Communities and corpo-

PARTNERS IN EDUCATION

Parents, Businesses, and Civic Groups Extending Resources Beyond the Classroom



(From l. to r.) Barbara Burek and Mike Grenert of PEPSI; Carl Yankowski of POLAROID; and Dick Miller of K MART, waiting to present special awards to 1990 winners.

rations are getting involved too by adopting schools, sharing long term education goals, and loaning executives to education task forces.

As a nonprofit organization which began with start-up grants from the BURGESS WELLCOME FUND and DOW CHEMICAL, INVENT AMERICA! is very attuned to the importance of partnerships. In addition to financial support, here's how our sponsors help.

K MART offered its nationwide video satellite network for a 2-hour broadcast of The Great INVENT AMERICA! Think Link—a workshop for educators aired at 2,200 K mart stores the night of September 26, 1990, reaching close to 50,000 educators. In addition, K mart asked all of its 300,000 employees to help get local schools started in

the program. "Our sponsorship of INVENT AMERICA! has given K mart associates the opportunity to become actively involved in their community's education system and develop a partnership with their schools," said Richard S. Miller, executive vice president for K mart stores.

POLAROID Corporation—The Polaroid Education Program (PEP) is providing more than \$1.6 million in free cameras, film, curriculum materials and a creative workshop to each teacher participating in "Think Link" and at every INVENT AMERICA! regional conference. This program, which offers fresh new ways to develop creative thinking skills through photography, is tremendously popular with teachers.

LEGO DACTA—During the "Think Link" Lego DACTA—the education arm of Lego Systems—will present teachers with a free activities kit and a hands-on workshop. They'll repeat the workshop at our regional conferences. Teachers love this, because the Lego products perfectly compliment children's invention projects.

PEPSI-COLA Company has provided hundreds of awards for kids and teach-

ers, encouraging its network of bottlers to participate at local ceremonies, making awards presentations very special to all participants. Also, Pepsi provides free refreshments and gave mugs at our "Think Link."

KIWANIS International chose INVENT AMERICA! in 1987 as a "major emphasis program." Members nationwide work with participating schools, judge contests, stage events, and share their skills with students.

The DISCOVERY CHANNEL is honoring INVENT AMERICA! winners in an October segment of its "Invention Series;" MASTERCARD provides support through an INVENT AMERICA! credit card; IBM presented 1990 national winners with IBM PS/1 home computers, and IBM PS/2 computers to their teachers; BOEING Corporation offered materials and personnel to help several Washington state schools; AMERICAN Airlines issued complimentary tickets to many students, parents, and educators traveling to INVENT AMERICA! Week; and QUAKER OATS provided tasty treats for several events.

These are special relations. Financial support is important of course, but just as important are the philosophical rewards these relationships provide. In building partnerships, look for common interests, make sure everyone benefits, and above all, appreciate your education partners and let them know it!

Marcia Schiff, Director of PEP and the Polaroid Foundation says, "We love this partnership with INVENT AMERICA! We share the same goals. . .and it feels like family!"

Thanks, Marcia, we couldn't have said it better!

Author Nancy J. Metz is executive director and a founder of the United States Patent Model Foundation



Bill O'Neill of POLAROID with recipients of new POLAROID cameras.

This is
the dog



That rang
the bell

That woke
the chief



That lives in
the firehouse

That _____ built.
(child's name)



Ages 3-5

The New DUPLO® Fire Station. Only from LEGO®. Imagine that.

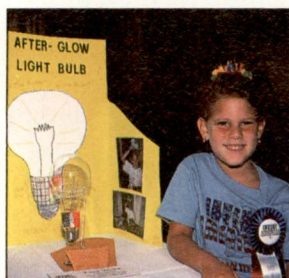




The 1990 National Winners

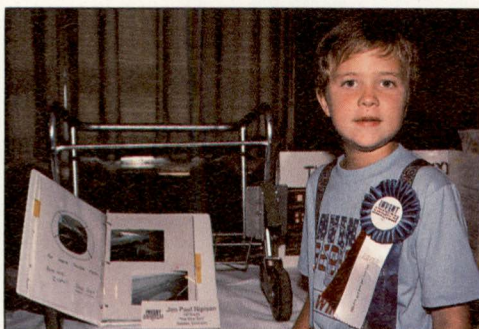


Secretary Cavazos looks on as teacher Brooke Cooley and principal James Jordan congratulate their national winner Sarah Cole Racine.



Kindergarten
AFTER-GLOW LIGHT BULB "... keeps kids and grandparents from falling over things or bumping into walls and furniture after they turn off the lights at night."

Kacy White, Louisville, KY



1st grade - THE STOP CART

"... stops carts from rolling into cars, or rolling away while in store parking lots."

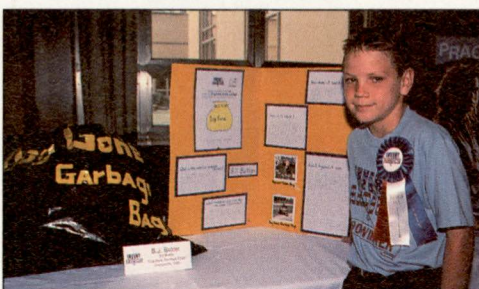
Jon Paul Nielsen, Golden, CO



2nd grade - FOOD TAPE

"Food Tape is wrapped around food to keep it from unwinding and falling apart. It comes in lots of different flavors."

Sarah Cole Racine, Carnation, WA



3rd grade - DOG GONE GARBAGE BAGS

"There's a special animal repellent built right into the garbage bags so you can leave them outside and dogs won't tear them up."

B.J. Butler, Orangeville, UT



4th grade - "I NEED MORE" STICKERS

"It's a sticker manufacturers place on products. ... when you run out of something, peel off the sticker and place it on your shopping list."

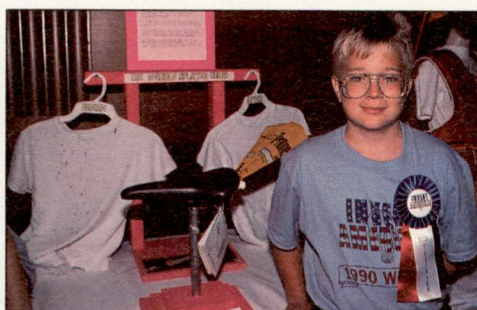
Jonathon David Merickel, Willmar, MN



**5th grade
THE GUARDIAN ANGEL**

"A smoke detector and fire extinguisher hidden in the angel will help prevent Christmas tree fires."

Elizabeth Ann Cecelia,
Baldwin Borough, PA



6th grade - INVISIBLE SPLATTER GUARD

"My invention keeps bike riders from being splattered with dirt, mud, and water from the back tire when it rains."

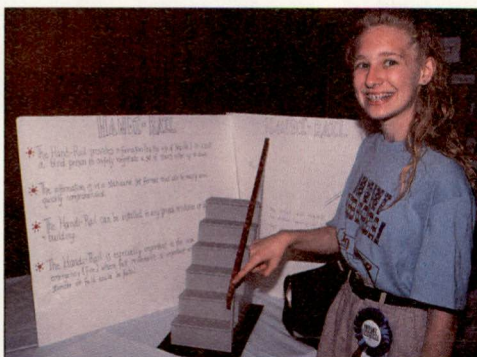
Kevin S. Triphahn, Post Falls, ID



**7th grade
ANTI SUNBURN
BAND METER**

"... it lets people know when to get out of the sun and prevent skin cancer."

Aamir Raza
San Jose, CA



8th grade - HANDI-RAIL "... can help blind people reach the top or bottom of stairs without tripping or falling."

Katherine Ann Szudy, Parma, OH

Office of the Chairman



All kids are born winners

...yours...mine...the kids down the block. They come into this world filled with creativity and curiosity. It's up to us to keep them that way.

INVENT AMERICA! mixes parents' involvement, teachers' dedication, lots of incentives, and exciting education materials to help the natural creativity all kids have to blossom.

A young person with a growing spirit of America ingenuity is developing the skills he or she will need to lead our nation into the forefront of the 21st century's competitive world marketplace.

We need your support to make all of this happen. The non-profit INVENT AMERICA! program relies completely on public support.



BECOME AN INVENT AMERICA! INVENTOR MENTOR.

- ★ \$ 5.00 teases the minds of 10 kids
- ★ \$10.00 causes the creative juices to flow in 20 kids
- ★ \$25.00 has the imaginations of 50 kids soaring
- ★ \$50.00 ignites the wonder and curiosity of an entire school

PLEASE JOIN US! Send your tax deductible contribution to:
INVENT AMERICA! 510 King Street, Suite 420, Alexandria, VA 22314.
To charge your contribution on your Visa/Mastercard, just call
(703) 684-1836 and say "Eureka."

INVENT AMERICA!, our kids, and America thank you!

United States Patent Model Foundation

Courthouse Square • 510 King Street • Suite 420 • Alexandria, VA 22314 • (703) 684-1836



A LOST AMERICAN TREASURE

"Let us rekindle that pioneer spirit of American ingenuity which the models represent. And let's work together to get them back to The Smithsonian..."

*George Bush
at the Smithsonian Institution,
June 19, 1986*



The "Otis Elevator," invented by Charles and Norton Otis and patented in 1880.

In 1925, with the slam of a gavel, Americans were deprived of a national treasure. It was then that our nation's collections of original 19th century patent models were sold at auction to the highest bidder.

The collections consisted of more than 100,000 models of America's earliest patented inventions including the works of such great inventors as Edison, Heinz, Westinghouse, Otis, and Singer to name a few.

Patent models represent a brief but significant

moment in American history. The Patent Act of 1836 decreed that along with the application, inventors had to submit a model of their invention. For the next

three decades the patent office was deluged with applications for patents of every conceivable nature, each accompanied by the required model. Many inventions were complex, mechanical devices that would change the world—some were whimsical flights of fancy.

Of those halcyon years, Douglas Evelyn, Deputy Director of the Smithsonian's National Museum of American History, says, "The pace of American invention was a marvel of the age." From 1790 to 1860, the United States granted more patents than England and France combined, causing English government leaders to worry that most inventions were originating abroad, especially in America.

Eventually the models outgrew their space, overtaking every available nook and cranny of the patent office building. The requirement for models was rescinded in 1870, but they continued to arrive at the rate of some 14,000 per year. By 1876 the collection of patent models peaked at 175,000. Cabinetry to house them had become hopelessly inadequate and thousands had found their way into attic storage.

What was once the patent office's source of pride became its albatross. Plans were made to dispose of them. In 1907, Congress ordered the models moved into storage, and in 1925 with storage charges mounting, an austerity program forced their sale as government surplus.

According to Evelyn, "The Smithsonian, which had over the years begun to

acquire selected models for its own collections, was given a brief opportunity to select some 2,500 models prior to the sale. However, the vast number of models and the pressures of time made systematic selection for retention out of the question."

During the past sixty-five years, the Smithsonian has acquired several thousand additional models, making its collection by far the largest public holding, in excess of 10,000. Its National Museum of American History has become the primary center for the



The "Milk Cooler," invented by J. Meserole and patented in 1884.

preservation, study and exhibition of patent model collections.

Today, it seems inconceivable that such rare and important collections could end up in private hands. Historians generally agree that the sale of the patent models was, at the very least, short-sighted.

In 1984, the nonprofit United States Patent Model Foundation was organized to assist the Smithsonian in recovering the remaining models, and

The "Apparatus for Rendering Tallow," invented and patented in 1866.



The "Oyster Opening Machine," invented by J.W. Temple and patented in 1877.

in 1986 a \$20 million fundraising campaign was launched to acquire the models, erect a research and restoration center at the Smithsonian, and provide funds to care for them in perpetuity.

To date, approximately 35,000 models have been recovered from the original collection—a gift from California aerospace engineer, Cliff Petersen. Much, however, remains to be done. A sense of urgency propels this effort, for many models are almost 150 years old and in dire need of proper museum restoration.

In summary, Evelyn notes, "This effort could not have taken place at a more appropriate time. There is an important job to be done, and only with the support of the United States Patent Model Foundation and the American public will this museum be able to take the steps necessary to preserve these important collections and make them a resource for public edification and research."

Author J. Morgan Greene is chairman and a founder of the United States Patent Model Foundation. Tax-deductible contributions to support this project may be sent to U.S. Patent Model Foundation-Smithsonian Project, 510 King St., Suite 420, Alexandria, VA 22314

New Hostess® Snacks are 94% fat free, have no cholesterol and no tropical oils.



But kids couldn't care less.

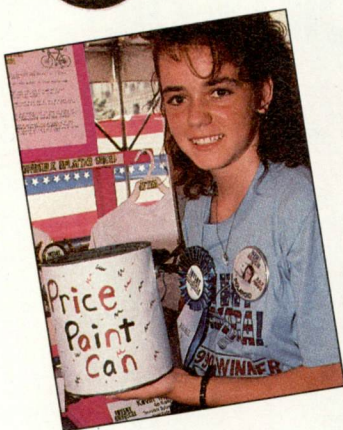


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The sweet snack you can say **Yes** to.™

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KIDS

What Will They Think of Next?



Did you know a fifteen year old boy invented earmuffs in 1873? Young

Chester Greenwood of Farmington, Maine was plagued by ears that turned purple in the cold New England winter. Eager to try out his new ice skates, Chester took some baling wire, covered it with beaver fur and velvet, and went off skating with his " earmuffs " to keep him warm. The idea caught on, and Chester's family was soon spending its spare time cutting, sewing and bending wire to fill orders. The business prospered, and Farmington became known as the " earmuff capital of the world."

There have been many other famous inventions by kids. George Ferris Jr. thought of his Ferris Wheel when he was in elementary school. Levi Strauss was a teenager when he made and sold the first pair of Levi Jeans. And two friends with the same first name, Leopold, first began inventing color camera-film in their high school physics lab.

Are today's kids as resourceful as Chester Greenwood? In our world

of instant solutions - fast food, microwaves, automatic teller machines - are kids willing to spend the time and energy to develop new ways to solve problems? Ask any of the millions of INVENT AMERICA! students across the country and the answer is a resounding "YES!"

INVENT AMERICA! participant Larry Villella, assigned the chore of watering newly-planted trees in his yard, had trouble figuring out how much water they needed. So, the Fargo, North Dakota 11-year-old took an old circular sprinkler from the garage and turned it into the "Conserve Sprinkler," a c-shaped device that delivers water directly to the tree's root system, and uses 30% less water than a standard sprinkler. He was named the sixth grade winner from his school.

With help from his parents, Larry recently founded the ConServ Products Company and began manufacturing. His first customers included North Dakota's Governor George Sinner, Congressman Byron Dorgan, Senator Kent Conrad,

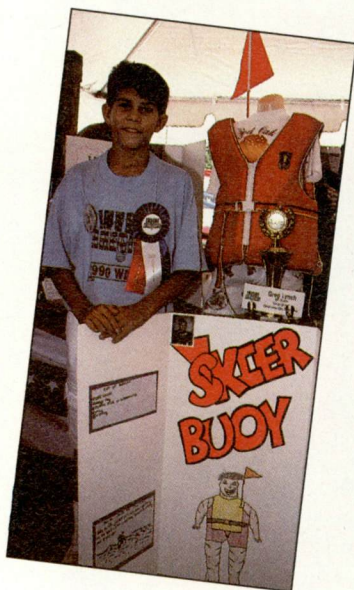
Senator Quentin Burdick and Mayor Jon Lindgren.

Another INVENT AMERICA! participant, David Sharp of Chippewa Falls, Wisconsin, is hoping to hear soon that a patent has been granted for his "Slick Stick." David, one of nine 1989 INVENT AMERICA! national winners, developed this "non-slip walking assist device" to help his mother who has multiple sclerosis. David proudly explains, "It gives people who use a cane freedom to walk safely on most surfaces with just a touch of a button. My mother isn't afraid to go out in the winter since I made this for her."

After watching her parents paint a room, Rachel Price of Boston, Kentucky found a way to contain the mess. Her "Price Paint Can" has holes around the rim so "when you run the paintbrush over the top to get rid of excess paint, the paint runs back down through the holes." Presto, no more paint dripping down the sides and onto the floor. Rachel was a 1990 regional INVENT AMERICA! winner.

According to INVENT AMERICA! Chairman J. Morgan Greene, inventing encourages kids to let their imaginations soar. "Each year we're amazed at the results and the range of ideas. Some are very practical, some are really humorous, and some show a sensitivity to the needs of others that's truly inspiring. We feel strongly that any child who applies their ingenuity to solve a problem already is a winner."

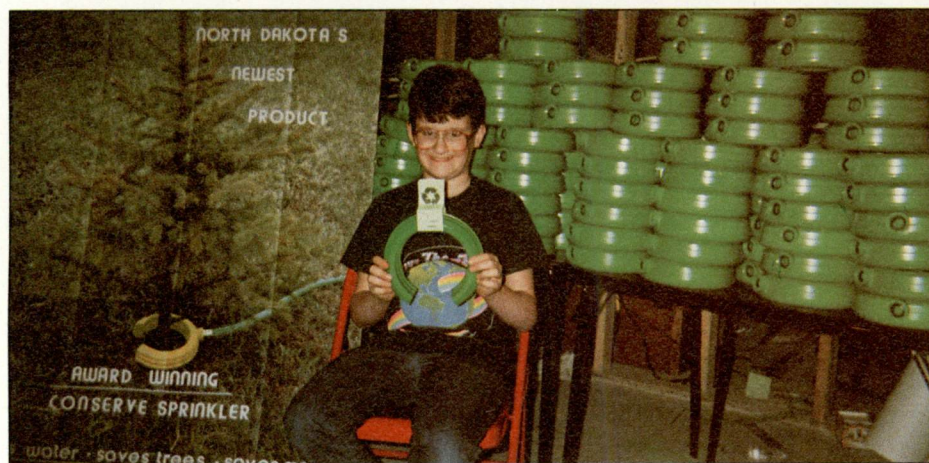
By Steven Caney, the award-winning children's author of Invention Book, Toybook, Playbook, and Kids' America.



TOP RIGHT: Winner of Good Housekeeping's "Best Invention for the Home" Award Clarence Reed of DE, with his "Enviro Litter Critter."

TOP LEFT: Rachel Price of KY—"Price Paint Can."

LEFT CENTER: Greg Sharp of OK—"Skier Buoy."



Larry Villella of ND—"Conserve Sprinkler."



ACTIVITIES

• Find other uses for common objects:

What else could a spoon be used for? What are other things that could be done with a chair besides using it to sit on?

• **Try to think of unusual ideas:** Where are some common places to find water that most people would think of? Where are some unusual places to find water?

• **Think of alternative ways to solve a problem from a book or story:** How else might Goldilocks have found out which porridge was "just right" without tasting all of them?

• **Put yourself in a book or story as one of the characters:** Who would you be? What would you do? How would you change the story?

• **Think up questions about topics of interest that cannot be easily answered:** What questions could you ask about ????? that you do not know the answer to? Star your five favorite questions. Set aside an afternoon to find the answers to these questions.

• **Make plans and follow them:** Plan a Saturday afternoon with your friends. Make sure the activities are approved by your parents and of interest to your friends. Follow your plan. How would you change your plan another time?

• **Read stories about the lives of interesting people:** What

to Stimulate and Develop Creativity in Children and Youth



do you admire about that person?

Do you have any of the same characteristics or traits as the person in the book?

• **Compare and contrast objects and ideas:** How are a suitcase and mouse alike? How are they different? How is your favorite song like your bed? How is it different?

• **Look for patterns in objects and nature:** What patterns do you see in the houses in your neighborhood? Describe the patterns you find in your back yard or walking on the sidewalk. Make up some patterns of your own that could be used in your room or around your yard.

• **Try new things:** Think of something you would like to learn how to do. Plan a way to experience it or learn how to do it. Plan to try one new thing every month. These can be small things such as volunteering to help a neighbor or friend do a job that is new to you, or joining a new club at school.

• **Express your ideas and feelings:** Put them on paper, in a painting, in music, in a sculpture or in a song. This does not have to be shared with anyone else. It is just for you.

• **Find the good parts to an idea first:** What

are three good things about that idea?

by Joyce E. Jontune, Executive Director, American Creativity Association



Presenting a concept in education that's picture perfect.

A free offer from Polaroid.

By using Polaroid instant photography in the classroom, teachers can create a stimulating environment in which to learn, to explore, to create. If your school is not taking advantage of the Polaroid Education Program's free camera and educator-developed classroom curriculum, please call or write, Maureen Harrington, Manager, Polaroid Education Program, GH 750 Main Street, Cambridge, MA 02139, 800-343-5000.

Polaroid
Education
Program

Developing potential
through instant photography



So begins the 1790 Patent Act, set forth in Article I, Section 8 of the United States Constitution. This year, the nation celebrates the bicentennial of this patent act—which Lincoln later said, “adds the

TODAY'S INVENTORS

America's Spirit of Discovery Lives On

“Congress shall have the power...to promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive rights to their respective writings and discoveries...”
U.S. Constitution

fuel of interest to the fires of genius.” And, if there are any traits characteristic of Americans during the past two centuries, it is our creativity and entrepreneurial spirit.

Established in 1973, the National Inventors Hall of Fame identifies and inducts members into its roster of distinguished American inventors. Beginning with the early “greats” such as Edison, Bell, Morse, the Wright Brothers, Goodyear, Pasteur, and Westinghouse, the list of inductees grows each year.

This American inventors' list of “Who's Who” is a continuum of accomplishment throughout the centuries, yet most inductees have come from diverse backgrounds in virtually unrelated fields, prompting us to ask, “is there a common thread, some unique quality that links them?”

Recent conversations with current-day inventors provide some insight.

RAYMOND DAMADIAN—MRI SCANNER

Dr. Raymond Damadian, a 1989 inductee into

the Inventors Hall of Fame, developed the Magnetic Resonance Imaging (MRI) scanner, which is revolutionizing the field of diagnostic medicine. Using the static and dynamic magnetic fields of the body, the invention produces a far more detailed image of the body interior than is possible with X-ray devices. Having attended the Juilliard School of Music before pursuing medicine, Damadian takes a diverse approach to the invention process.

In a recent discussion with several other inventors he stated, “I think the thing that matters most is not so much what you are doing but the spirit in which you are doing it. I am sure we all share, from the time we were young, an excitement about discovery, and about doing something new—the promise of having a dream or vision of the future.”

ANNE MACDONALD—THE GREAT SCOT ARGYLER

Anne Macdonald shares Damadian's diversity of approach and excitement about discovery. A writer and historian, Macdonald counts among her accomplishments the development of the Great Scot Argyler, a device to simplify the design and knitting of argyle patterns in socks and sweaters. Macdonald invented her device when she was only 17, but waited until her 60's to seek a patent, finally taking the step because, “you want credit for your accom-

A Quaker Chewy® Granola Bar has 1/3 less sugar,



plishment." She joined a select group of women patentees which make up only 5.5% of all residing American patent holders. On the spirit of discovery, she comments, "the idea of inventiveness is 'try it!' Learn to wonder, conjecture, play with ideas."

STEPHANIE LOUISE KWOLEK—KEVLAR®

The courage and willingness of Stephanie Louise Kwolek to wonder led to an amazing discovery and a nomination to the Inventors Hall of Fame. She created "Kevlar," a fiber with five times the strength of steel, now used in common products, from radial tires and bullet-proof vests, to sophisticated applications such as military and space vehicle construction. "Curiosity and acute perception identify an aspiring inventor," Kwolek maintains. "You must develop the ability to notice the unusual." Throughout the invention process, Kwolek endured the skepticism of her colleagues; she cites persistence as an essential attribute of the successful inventor. "You must repeat and repeat and repeat until you have the problem solved. . . you cannot be discouraged."

R. TERREN DUNLAP—THE VCR-2

R. Terren Dunlap also believes that persistence is important. Inventor of VCR-2, the first American-designed, developed, and patented dual-deck videocassette recorder, Dunlap first got



R. Terren Dunlap



Anne Macdonald



Raymond Damadian

his idea during an entrepreneurial sabbatical after practicing law for six years. His hopes and passion for manufacturing and marketing his device put him at direct odds with the electronics cartel. However, with \$60,000 borrowed against six personal credit cards and his deep-rooted conviction he had a product that the public needed, he persisted. It paid off. Today, his VCR-2, a single VCR which allows high-clarity tape duplication, editing, and simultaneous two program recording, is a sought-after consumer product. Remembering the skeptics, Dunlap says with pride, "Everything we've done, they said we couldn't do. Best of all, we've put America back in the electronics race."

Each inventor fosters a unique approach to the invention process and has a widely diverse background and range of interests, but the love of discovery links them in a common bond of modern day ingenuity.

By recognizing these true national heroes, and by inspiring a new generation of inventors and scientists to follow in their footsteps, we pass on the torch of innovation, creativity, entrepreneurship, and competitiveness—a 200-year American tradition and a celebration of the human spirit of discovery.

Author Allen R. Jensen is the President of the National Inventors Hall of Fame, and Chairman-elect, National Council of Intellectual Property Law Associations.

which makes that candy seem a little less dandy.



Enlarged illustration

Compared to the five leading chocolate candies, an average Quaker Chewy Granola Bar has, ounce for ounce, 1/3 less sugar and 1/3 less fat. And it comes in eight delicious, wholesome varieties your kids will love, like Raisin & Cinnamon, Peanut Butter, and Strawberry. So bag a better lunch with Quaker Chewy. Because all that sweet stuff isn't quite such neat stuff.

Know the facts about snacks. Choose Quaker Chewy.®





IT'S LIKE HANGING YOUR WASH IN THE SUNSHINE.

SunRinse Downy® gives your laundry such a sunny-fresh fragrance, such a fluffy-soft feeling, it's the next best thing to hanging it in the sunshine.





INVENT AMERICA! WEEK



Watch for INVENT AMERICA! kids on the Discovery Channel's "Invention Series" this October.



Karen Willoughby—named 1990 Educator of the Year. 1989 winner Gil Rowe, looks on. J. Morgan Greene, Secretary of Education Cavazos, and Kevin O'Brien in background.



Proud Washington state delegation with sponsor Boeing Corporation's John Hayden.



Matt Nielsen of Nebraska—"Bike Board."



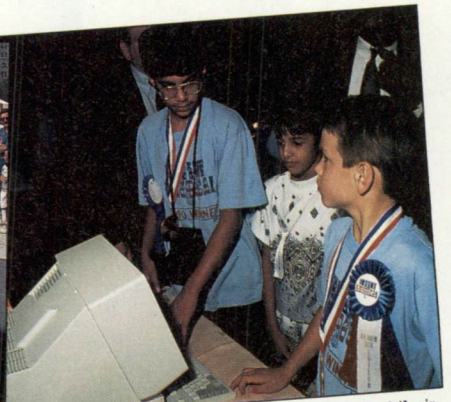
Nancy Metz, Rep. Matthew Rinaldo, Marcia Schiff, and Margaret Donhiuser at Congressional Ice Cream Social.



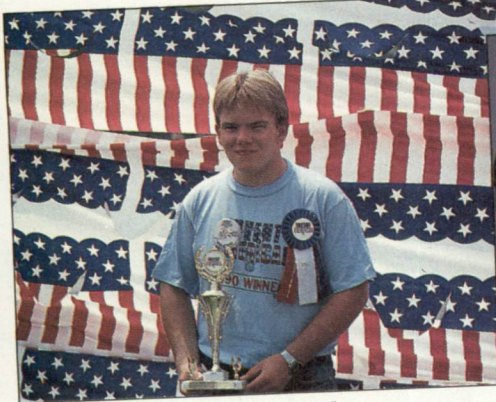
INVENT AMERICA's Kevin O'Brien (c.) presents teacher Margaret White (l.) and principal Henry Noble (r.) with their awards.



Double Dutch jump roping champions dazzle crowds at Opening Day Celebration.



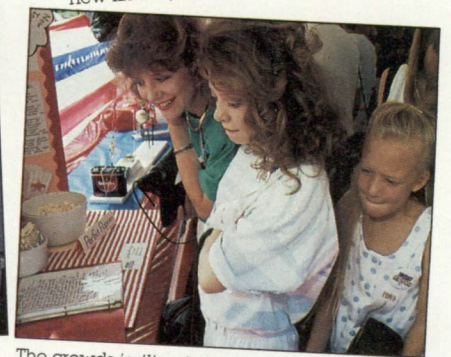
Excited national winners checking out their new IBM PS/1 computers.



David Little of Colorado—"Efficooler."



Good Housekeeping Publisher Alan Waxenberg with GH award winner Clarence Reed and the Delaware delegation.



The crowds jostling to see the 1990 award-winning student inventions on public display in Washington, DC.

**"My first date in 15 years.
There's a lot riding
on this smile."**



40 and dating again.
Made me take a really good look at myself.
And my smile just didn't look clean.

I had my dentist remove the tartar.
Seems tartar traps stains. He said
Colgate Tartar Control would help keep it off.

Did it ever. My teeth feel smoother. Cleaner.
Got my old sparkle back.

BECAUSE YOUR SMILE WAS MEANT TO LAST A LIFETIME.



"Colgate has been shown to be an effective decay-preventive dentifrice that can be of significant value when used in a conscientiously applied program of oral hygiene and regular professional care. Colgate Tartar Control has been shown to reduce the formation of tartar above the gum line, but has not been shown to have a therapeutic effect on periodontal diseases."—Council on Dental Therapeutics-American Dental Association. © 1990 Colgate-Palmolive Co.





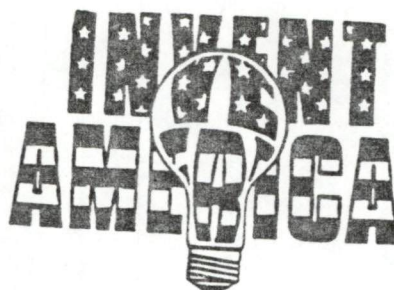
Kids with bright ideas
From satellite to a bird cage, top 9 in USA

The New York Times

Inventive Children: Dyed Salt and a Bird Cage Cleaner

The Washington Post

The Pittsburgh Press
Flush with pride



The Children of Invention

45 Honored for Self-Cleaning Bathtub and Other Creations

The Philadelphia Inquirer
3 area pupils hailed as inventors

Los Angeles Times

Young Minds Build Up

Impressive Inventory of Ideas

YANKEE INGENUITY

FORUM

The state of good old American know-how is in crisis. We seem to have lost those ingenious inventors of yesterday, people like Thomas Edison, Alexander Graham Bell, and Eli Whitney. Where are all the gadgets and machines—the cotton gin, the electric light bulb, the phonograph—that made life simpler as well as more fun and put money in our national pocket to boot? “The inventive spirit in America is waning,” says Donald J. Quigg, assistant secretary and commissioner of patents and trademarks. “And our major trading partners are taking over technology leadership in the world.” Consider: Of the 76,800 U.S. patents issued in 1986, 44 percent—almost half—were issued to foreigners, compared with 20 percent in 1965. “We need fast, aggressive action to revive the great American spirit of creativity, originality, and free enterprise,” Quigg says.

And so the U.S. Patent Model Foundation, a nonprofit organization, launched Invent America!. The program was started in 1986 and involved 10,000 of the nation's elementary and junior high schools. The goal: to invite America's 30 million schoolchildren to get onboard and invent something, anything.

In the spring of 1987, 4,000 American students from kindergarten through eighth grade submitted their inventions to be judged in regional contests. The regional champs gathered last June for the national runoffs in Washington, DC.

Brian Lloyd, inventor from Jacksonville Beach, Florida, constructed a polyvinyl chloride (PVC) artificial reef (ten by ten by five feet) to attract and breed a flagging grouper and snapper population. “I used PVC because it's lightweight, portable for a fisherman with a small boat, and inexpensive to build and transport,” says the fourteen-year-old, who just applied for a patent. A number of commercial firms are interested.

“Most of these children aren't going to grow up to be inventors, but we hope they will have learned to rely on their own resources,” says Nancy Metz, Invent America!'s executive director. Metz believes the program fills a longtime void

in teaching critical and creative thinking skills in American schools. “We are,” she says, “in an era of complacency. As a nation, we've been resting on our laurels.” From a virtual obsession with invention in the late 1800's, we have drifted further and further into the background. Why?

Patent commissioner Quigg points to a shift in corporate and industrial priorities as the primary cause of the decline. Dollars once allocated for research and development (R&D), the bedrock of invention, are spent in leveraged buyouts and Wall Street takeovers. Quigg also believes the shift from a manufacturing to a service economy, the flight of manufacturers to cheap labor markets overseas, and an emphasis on quick profit are other culprits in the demise of R&D. “One of the worst degrees ever devised in this country was the MBA program,” Quigg says. “We teach people to value short-term profits in industry.” Without funding for applied research, we will never regain our competitive edge in the world market, he notes.

Dick Rutan, who with copilot Jeana Yeager flew around the world on one tank of fuel in their plane, *Voyager*, is a spokesperson for Invent America!. “Our government doesn't support adventure anymore. We've got to eliminate the phrase *status quo* from our vocabulary, and here's where we begin doing that,” he says, gesturing to the surrounding gadgets and drawings by the kids at the awards ceremonies.

Rutan is serious, as are the founders of Invent America!. And it's to Japan that many experts suggest we look for guidance in getting back on track. “In 1941 Japan established an invention program,” says Metz, “and everybody—kids, college professors, the average citizen—participates.” Industry, government, and education support the endeavor.

For all the bad news, there is still hope that a culture of creativity can be brought back to life in the United States. Invent America!, encouraged by the initial response from teachers and students, expects to entice 16,000 kids in 1988. And from the looks of the 1987 national

winners' inventions—each received a \$500 bond and a personally engraved medallion—the American tradition of inventiveness is just lying dormant.

Lindsay Wilson, a kindergartner from Tualatin, Oregon, designed a Toddler's Plate that sticks to a high chair by suction cups. Fork and spoon are connected to the plate by extension cords. “My sister always threw her food on the floor, and then we had to clean up,” she says.

Wheel Alignment Stopper (WAS) solves a basic problem kids face. “My bicycle wheel would turn out when I put it away in the crowded garage,” says Dave Ott, a second grader from Newtown Square, Pennsylvania. “Now it doesn't, so my parents can't yell about the scratches on the car anymore.” Made of wood, Velcro, and a metal bracket, WAS lines up the front wheel of the bike with the bike's body and locks it in place.

Lisa Labadie, a third grader from Tulsa, dyed salt red so sodium-conscious diners will know just how much they're using. “Visible Salt is especially useful for eggs and potatoes,” says Labadie.

A fourth grader from Somerville, New Jersey, designed School Bus Safety Control Board, a light panel that indicates which seat belt on a bus is unfastened. “The driver can't control the kids,” says Krissy Berglund, who is applying for a patent and already has interest from the Bluebird School Bus Company.

Swivel Head Rest is a traveler's dream come true. A slightly cushioned panel on a swivel screw, Michael Oliveras's headrest lies between airplane seats when not in use; when a traveler wants a nap, he simply pulls the headrest up and conks out. The fifth grader from Brooklyn has had some nibbles from the airlines for his invention.

Invent America! may not be as dramatic as a billion-dollar budget increase for NASA, but it lays the foundation for a whole new approach to problem solving. “If we can teach children to think analytically on a day-to-day basis, from kindergarten through high school,” says Quigg, “then I think we can solve a lot of problems in this country.” —Ann Hornaday 

Spirit of Ingenuity

BY EDITH GARCIA

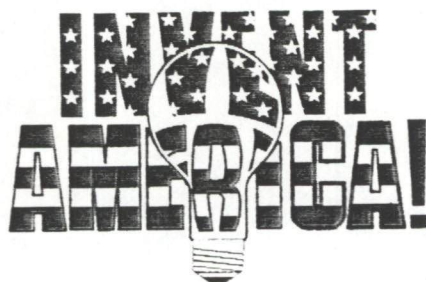
It looked like America had lost its ingenuity when 47 percent of the patents issued in the United States were awarded to foreign residents in 1987 compared to 11 percent back in 1961. The spirit of inventiveness in America needed to be revived.

This prompted the United States Patent Model Foundation (USPMF) to launch *Invent America!*, a national annual competition intended to spark the imaginations of this country's elementary school children. Geared to kindergarten through eighth grade students, the national contest is an attempt to prepare the next generation of Americans to compete more successfully against their international counterparts.

This call to rekindle the spirit of ingenuity and innovation attracted the participation of an estimated 30,000 elementary schools across the country last year. Michael Oliveras from Brooklyn, NY, won the 1987 national contest with

These and other winning entries earned a distinguished exhibition spot at the Smithsonian Institution's National Museum of American History in Washington, D.C. through 1988.

This year, over 87,000 elementary schools have been encouraged to par-



ticipate. The USPMF will provide programs and materials to assist educators in getting started. *Invent America!* will also provide workbooks and study guides to schools requesting information. *Invent America!* will offer over one million dollars in awards and prizes culminating in a National *Invent America!* Week in Washington D.C. beginning July 23 through July 28. This national competition is funded entirely through corporate and private contribu-

tions. Major corporate sponsors include Pepsi-Cola Company, MasterCard International, Dow Chemical Company, and K mart, which has become the official retail sponsor.

"We are proud to be the retail sponsor of *Invent America!* We see K mart's sponsorship as a means of investing in America's future through today's youth," said K mart Executive Vice President Richard S. Miller. "The thought process and skills learned from this program may lead to an important business decision or invention that could generate American-made products and jobs."

American ingenuity is not really lost. With inventions like the "Swivel Head Rest", the "Sur-Footer", and "Puddle Detecting Cane", by school-age children, it only appears to be lying dormant. And *Invent America!* seems to be the great invention that will help wake up the curiosity and ingenuity that has made America the leader in global competitiveness in the past.

For information, write to *Invent America!*, 510 King Street, Suite 420, Alexandria, VA 22314. **H**



1987 fifth grade winner Michael Oliveras shows his invention to George Bush.

his invention, the "Swivel Head Rest." Appearing on talk show *Late Night With David Letterman*, Michael explained his invention is designed to "rest your head without falling over" when sleeping on an airplane. Other winning inventions included the "Sur-Footer," invented by a kindergarten girl to help small children determine which shoe goes on which foot, and the "Puddle Detecting Cane" for blind people, which beeps when the tip touches a puddle of water.

ANTONINI TAKES CHARGE

K mart, the official retail sponsor of *Invent America!*, has seen tremendous changes since Joseph E. Antonini became President and Chief Executive Officer a little over a year ago.

"I want to make K mart the most recognizable mass merchant in America," says Antonini, a 25-year veteran of K mart and only the third person to be CEO since the first K mart opened in 1962.

Antonini started the company's first marketing department, reorganized the merchandising and promotional departments, and steered K mart into new businesses such as warehouse clubs, hypermarkets, and sporting goods superstores. Antonini

has also restructured top management to concentrate more authority in the top managers and imbued a new sense of corporate purpose into K mart.

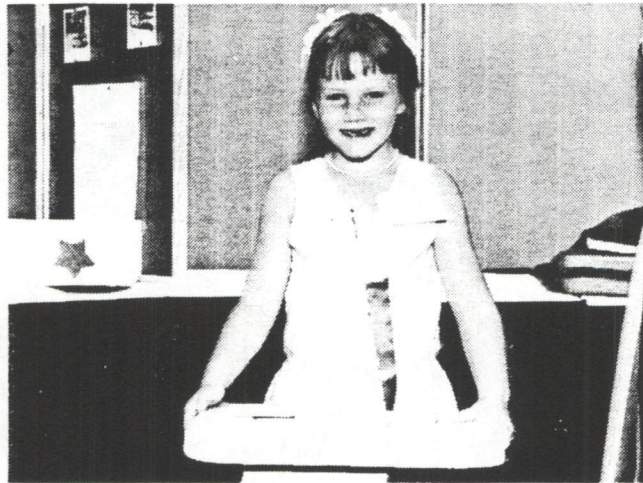


Joseph E. Antonini

Last year, Antonini was elected chairman of the National Minority Suppliers Development Council, Inc. (NMSDC). The NMSDC is an initiative to expand minority participation in business, and serves as a link between 3,800 na-

tional and regional corporate members and over 12,500 certified minority businesses. The NMSDC sponsors programs such as the Business Consortium Fund, which makes working capital available to certified minority businesses.

This is the child who can make America competitive again.



Only a child.

But like all American kids, LaSage Wisniewski, inventor of the Sur-Footer, is a very special child.

For our kids have a creative, inventive heritage second to none. From Franklin's kite to the semiconductor.

And now the inventive instincts of American school kids are being challenged by a very special education program and contest.

Invent America!

It's the only program that recognizes small genius. With more than half a million dollars in awards every year.

And the only program that knows small genius can grow up to become big genius—with the capacity to make a big difference in the world.

Kids and parents should ask their teachers about Invent America! and how to participate.

And if teacher doesn't know?

Just write Invent America!, 510 King Street, Suite 420, Alexandria, VA 22314, or call 703/684-1836.

Invent America!

Designed to make America a winner again.



Bringing bright ideas out of young minds



Invent America! is a nonprofit program in partnership with business, industry and education. Call or write today to join this vital national effort.

This is the child who can make the trade deficit disappear.



Only a child.

But, like all American children, Michael Oliveras, inventor of the Swivel Head Rest for airline travelers, is a very special child.

For our kids have a creative, inventive heritage second to none. Given a bit of encouragement, their touch of genius will one day create new jobs, new industries—and turn our trade deficit into a trade surplus.

The encouragement comes from an education program and contest called Invent America! It challenges our kids to exercise their native ingenuity, and turn their minds toward any problem they'd like to solve.

Kids and parents should ask their teachers about Invent America! and how to participate.

And if teacher doesn't know?

Just write Invent America!, 510 King Street, Suite 420, Alexandria, VA 22314, or call 703/684-1836.

We'll tell you more about Invent America!

And explain why we believe America's future is in the hands of America's children.

**INVENT
AMERICA!**
Bringing bright ideas out of young minds



Invent America! is a nonprofit program in partnership with business, industry and education. Call or write today to join this vital national effort.

This is the child who can save millions of American jobs.



Only a child.

But like all American kids, Danny Coudriet, inventor of the Handicap Helper parking sensor, is a very special child.

For our kids have a creative, inventive heritage second to none. And inventiveness, creativity and productivity are what creates and protects jobs.

Now those instincts are being challenged by a very special education program and contest for the children of America.

It's called Invent America!

And it's the only program that recognizes small genius. With more than half a million dollars in awards every year.

And the only program that knows small genius can grow up to become big genius—with the capacity to make a big difference in the world.

Kids and parents should ask their teachers about Invent America! and how to participate.

And if teacher doesn't know?

Just write Invent America!, 510 King Street, Suite 420, Alexandria, VA 22314, or call 703/684-1836.

Invent America!

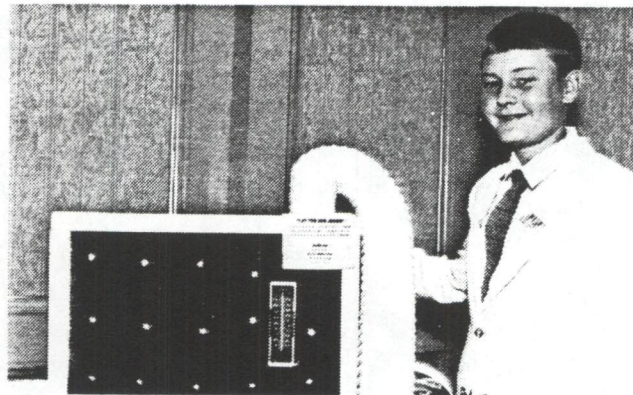
Because the future of America is too important to leave to adults.

**INVENT
AMERICA!**
Bringing bright ideas out of young minds

**Ad
Council**
A Public Service of
The Publication

Invent America! is a nonprofit program in partnership with business, industry and education. Call or write today to join this vital national effort.

This is the child who can make the dollar strong, the economy vibrant.



Only a child.

But like all American kids, Randal Six, inventor of a solar heating device called Let the Sun Shine, is a very special child.

For our kids have a creative, inventive heritage second to none. And inventiveness, creativity, productivity; these are the things prosperity and growth are made of.

Now the inventive instincts of American school kids are being challenged by a very special education program and contest.

Invent America!

It's the only program that recognizes small genius. With more than half a million dollars in awards every year.

And the only program that knows small genius can grow up to become big genius—with the capacity to make a big difference in the world.

Kids and parents should ask their teachers about Invent America! and how to participate.

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Invent America!

Designed to make America a winner again.

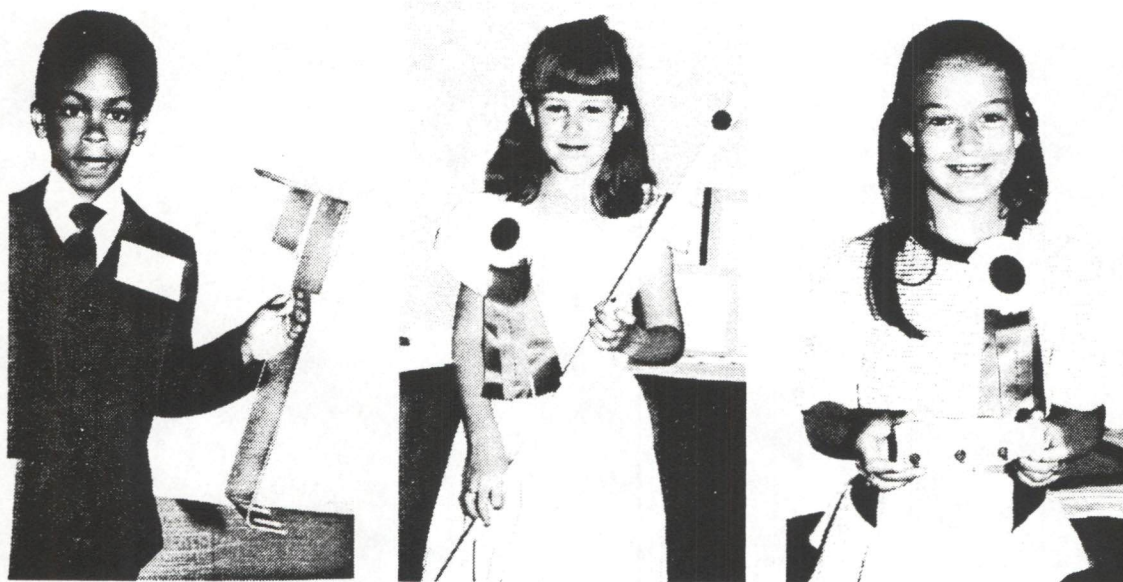


Bringing bright ideas out of young minds



Invent America! is a nonprofit program in partnership with business, industry and education. Call or write today to join this vital national effort.

What kind of a kid do you suppose Thomas Edison was?



Bet he looked at problems and saw solutions. Like Maurice Scales who invented Baby No-Mash to prevent doors from closing on little fingers.

Bet he saw how things were done, and imagined better ways to do them. Like Lillian Lukas who invented the Puddle Detecting Cane for the blind.

Bet he watched how things work and thought of ways to avoid wasting time or effort. Like Caitilin McCracken who invented the Orphan Kitten Feeder for Three.

Maurice, Lillian and Caitilin were three of the

thousands of winners in the Invent America! education program.

And you know that small genius can grow up to become big genius—with the capacity to make America number one again.

To participate, just write Invent America!, 510 King Street, Suite 420, Alexandria, VA 22314, or call 703/684-1836.

If you're wondering if it's all worthwhile, just imagine what Edison would have said.

Invent America!

For now—as never before—our country needs an inventive spark.

**INVENT
AMERICA!**
Bringing bright ideas out of young minds

**Ad
Council**
A Public Service of
The Publishers

Invent America! is a nonprofit program in partnership with business, industry and education. Call or write today to join this vital national effort.

Withdrawal/Redaction Sheet

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Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Form	Student Entry Forms [personal information redacted] (24 pp.)	1990	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: Invitations: General (3) [4 of 7] [1991]

Date Closed:	2/17/2010	OA/ID Number:	62009-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

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Presidential Records Act - [44 U.S.C. 2204(a)]

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 P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
 P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
 P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

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Date

6/21/91

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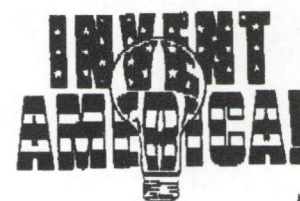
TO:

Mr. Allen Bromely
Assistant to the President + Director
White House

FROM:

Mr. J. Morgan Greene
Chairman

Comments:



21 June 1991

Dr. Allen Bromely
Assistant to the President & Director
White House
Office of Science & Technology
Old Executive Office Building, Room 360
Washington, D.C. 20506

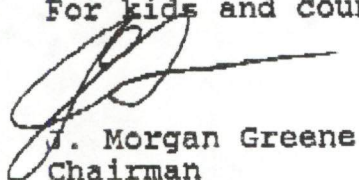
Dear Dr. Bromely:

Not having received your response to the attached invitation, I can only assume it fell through the cracks.

I feel certain you would not want to miss the opportunity to help structure the future of our nation by joining our panel of distinguished Americans at the Smithsonian next Thursday, June 27.

I look forward to your response.

Sincerely
For kids and country,



J. Morgan Greene
Chairman



June 10, 1991

Dr. Allen Bromely
Assistant to the President & Director
White House
Office of Science & Technology
Old Executive Office Building, Room 360
Washington, D.C. 20506

Dear Dr. Bromely:

I write to invite you to join a distinguished panel of judges who will gather at the Smithsonian in Washington, D.C. this June 27 to select the 1991 winners of the INVENT AMERICA! student invention competition.

Although challenging, your task will surely not be without reward! You will delight in the discovery of American ingenuity through the eyes of a child, and you will leave with a deep sense of renewed faith in our nation's future work force.

The selection of our nine national winners - one from each grade, kindergarten through eight - is the grand finale to our year-long INVENT AMERICA! education program in which more than 30,000 schools and millions of kids participated. Launched in 1987 by then-Vice President George Bush who now serves as honorary chairman, INVENT AMERICA! was established to help children become innovative thinkers by challenging them to identify and solve problems by creating their own inventions. They learn to develop and apply math, science, language arts and creative thinking skills - skills crucial to their ability to successfully meet the challenges of today's highly complex technological world.

INVENT AMERICA! is a nonprofit endeavor, supported financially and philosophically by such major corporate sponsors as K mart (sponsoring the INVENT AMERICA! float in the 1992 Pasadena Parade of Roses featuring Alexander Bell and Orville Wright as young inventors,) Pepsi-Cola (has sponsored all the award,) Polaroid (provides teachers with INVENT AMERICA! Polaroid cameras,) and others interested in creating a strong, competitive work force. Their support enables us to provide schools with education materials, classroom lesson plans and activities, including our annual INVENT AMERICA! "Think Link" event which delivers free training and program materials to more than 50,000 educators simultaneously.

This private sector sponsorship also makes possible the annual invention competition you are asked to help judge. This competition provides more than \$600,000 in incentives for students, their schools and teachers through state, regional and national awards programs, including trips to Washington, D.C. to participate

10 June 1991
Page 2

in National INVENT AMERICA! Week, July 27 - August 2, 1991, as designated by Congress (SB 140.) As a national jurist, you will review this year's forty-five regional winning entries to determine the nine 1991 national winners who are traditionally recognized by the President and Secretary of Education during INVENT AMERICA! week. Selection is based on nontechnical criteria including an invention's originality and usefulness, execution of ideas, clarity of written description, and illustration. The judging begins with a luncheon to enable panelists to get acquainted. The lively and informal selection process will begin at 1:45 p.m. The panel should finish by 3:00 - 4:00 p.m. More information about INVENT AMERICA! is enclosed, including several examples of student entry forms from previous years.

I look forward to your acceptance of my invitation to participate as a 1991 INVENT AMERICA! jurist. You will be making an important contribution to this exciting program, which will impact on our nation's future. By joining nobel laureates, business and education leaders, members of congress, White House and Smithsonian officials, members of the Federal Court of Appeals and other notables you will share the vision of a bright America through our nation's children.

Sincerely for kids and country,



J. Morgan Greene
Chairman

Enclosures
JMG/MI

The Chairman of the United States Patent Model Foundation
cordially invites you to participate
as a jurist
in the selection of the national award winners of the
1991 INVENT AMERICA! student invention competition
Thursday, June 27, 1991
at the
National Museum of American History
Smithsonian Institution
14th and Constitution Avenues, Northwest
Washington, D. C.
Presidential Suite - First Floor
Luncheon at 12:30 p.m.
Judging immediately following

R.S.V.P.

June 20, 1991

703/684-1836