Bea -
please send the release to the following media (on Monday 4/4)
Thank you. A, AA, B, B-2, C, A-2

And to his home - Ray Falconer
9 Tonnley Dr.
Burnt Hills, NY
12027

Richard Heldenfels
Schdy Gazette
4/6/88

could you also print a list of media references for me? Thank You!!

UNIVERSITY AT
ALBANY
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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Tricia Chambers (442-3078)

Popular Area Birds Will Be Focus of Natural History Lecture

A slide program and demonstration on popular area birds and nest boxes will be presented by Alan Mapes, director of Five Rivers Environmental Education Center, on Tuesday, April 12 at 8:00 p.m. at the University at Albany.

Mapes' presentation, titled **Bluebirds and Other Cavity Nesters**, will demonstrate the construction and management of nest boxes, which are popular with many people in the Capital District. Several designs of the boxes will be on display and free plans will be available. Mapes is experienced in working with bluebirds, house wrens, tree swallows, American kestrels and other cavity nesters.

The presentation is the second of five natural history lectures at the University held on consecutive Tuesdays in Lecture Center 7 on the University's main campus, 1400 Washington Ave. The lectures, which begin at 8:00 p.m., are free and open to the public.

The New York State Department of Environmental Conservation and the University's Atmospheric Sciences Research Center sponsor the lecture series, organized each year by well-known area meteorologist Ray Falconer.

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April 4, 1988

88-23

UNIVERSITY AT
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University Relations
518 442-3071

Administration 233
Albany, New York
12222

Contact: Vincent Reda or Anne Ferretti

UNIVERSITY ANNOUNCES SPEAKERS

Expert speakers on a wide range of topics are highlighted in a new booklet from the University at Albany Speakers Bureau.

The booklet acquaints interested organizations with the special talents and services available from the more than 165 speakers listed. Topics from archaeology to orchids and Pakistan to sleeping disorders are covered. Nearly all the speakers are available without charge as part of the University's public service commitment.

In addition to the speakers, the booklet contains a section on the University's other artistic, educational and public service resources.

For copies of the booklet, or for general information, write Bette R. Herzog, Assistant for University Communications, The University at Albany, Albany, NY 12222. Or call 442-3000.

Requests for speakers should be made at least three weeks in advance of a program date.

April 5, 1988

88-24

UNIVERSITY AT
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Administration 233
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news

518 442-3073

Contact: Tricia Chambers (442-3078)

Natural History Lecture Features Caribbean Islands, Venezuelan Rain Forest

The natural wonders of the Caribbean Islands and Venezuelan Rain Forest will be featured in a presentation by Dr. Margery Milne on Tuesday, April 19 at 8:00 p.m. at the University at Albany.

Milne, of the University of New Hampshire, will share her experiences as she cruised the Caribbean Islands, encountering native plants and animals. Milne's presentation will include her adventures of cruising up the Orinoco River in Venezuela and flying above the jungle and Angel Falls, the highest in the world.

The presentation is the third of five natural history lectures at the University held on consecutive Tuesdays in Lecture Center 7 on the University's main campus, 1400 Washington Ave. The lectures, which begin at 8:00 p.m., are free and open to the public.

The New York State Department of Environmental Conservation and the University's Atmospheric Sciences Research Center sponsor the lecture series, organized each year by well-known area meteorologist Ray Falconer.

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April 11, 1988

88-26

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Administration 233
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news

518 442-3073

Contact: Vincent Reda or Dennis Quick

AFRO-PUERTO RICAN MUSIC AT PAGE HALL

The World Music Institute, in recognition of the immense contribution of African-derived music and dance styles to the American culture, is presenting a New York State African Heritage Tour.

The tour, being at Page Hall, will feature The No Name Gospel Singers, a quartet of southern style gospel singers. Also performing will be Los Pleneros de la 21, whose special interest is Afro-Puerto Rican music and dance forms of bomba and plena. Thokaza will be presenting South African Zulu choral singing and Gambia's Papa Susso will perform songs and music of the griots (oral historians).

The No Name Gospel Singers lead by 78 year old Reverend Floyd King has been together for five years in Brooklyn. The group makes appearances throughout the New York City area and has just recently returned form touring France.

Los Pleneros de la 21 is regarded as the finest New York-based group performing the highly spirited bomba and plena from Puerto Rico. Bomba is a ceremonial dance performed by African slaves in Puerto Rico at social gatherings such as birthdays and weddings. The music and lyrics of Plenas improvises themes borrowed from daily events.

The South African Zulu choral tradition reflects a strong influence of Western hymn and choral singing and includes elements of black American music.

Papa Susso, a native of Gambia, performs the ancient West African tradition of Manding griot. Griots are professional musicians, praise singers and oral historians who were traditionally attached to royal courts; their duties were to recount tribal history in the form of song and music.

Performances are being held on Sunday, April 17, 1988 at 3 p.m. For ticket information call the Performing Arts Center Box Office (518) 442-3995.

The program is sponsored by the University's African/Afro-American Studies Department, the Department of Student Services, the University Black Student Association, the Albany branch of the NAACP, and the New York State Folklore Society.

April 11, 1988

88-27

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sports

518 442-3072

Contact: Lori Zalbowitz or Tricia Chambers

NCAA AWARDS GRADUATE SCHOLARSHIP TO ALBANY'S CARMELLO

The National Collegiate Athletic Association today awarded a $4,000 postgraduate scholarship to University at Albany senior basketball guard John A. Carmello. Carmello was one of only four NCAA scholarship winners for Divisions II and III combined. Joining Carmello are John P. Andrejko, University of Scranton; Kevin D. Locke, Denison University; and John M. Nilles, Regis College (Colorado).

A finance major maintaining a 3.92 GPA in business administration, Carmello was named earlier this year to the GTE, CoSIDA Academic All-America First Team for 1988.

Carmello, an Albany native, led the Great Danes to a 16-10 season while averaging 18.04 points per game. His total of 469 points was the 11th highest mark in Great Dane history. The 6-foot-1-inch guard finished with 810 points and 194 assists for his three-year varsity career.

April 13, 1988 88-28

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Administration 233
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518 442-3073

Contact: Tricia Chambers (442-3071)

UNIVERSITY AT ALBANY WOMEN'S GROUP PRESENTS AWARD

Toni Morrison Addresses Women's Seminar

The Council of Women's Groups at the University at Albany presented the Bread and Roses Award for Excellence in Service to two University women last night at its fourth annual Women and Leadership Seminar and Spring Reception for Women in the Rockefeller Institute. Co-hosted by the Women's Concerns Committee of the University Commission for Affirmative Action and the Center for Women and Government, the event attracted more than 120 participants.

Nan Carroll, of the Center for Women and Government, and Edna Acosta-Belen, professor of Latin American and Caribbean Studies, received the honor. Instituted in 1987, the award is given to women and men who have made extraordinary contributions to enhance the quality of life for women at the Unviersity. It is named for the union slogan of 19th century women strikers who demanded, "Give us bread, but give us roses."

Keynote speaker Toni Morrison, 1988 Pulitzer Prize winner and Schweitzer professor of Humanities, discussed the evolution of women's relationship to each other in professional settings and their need to go beyond the traditional patriarchial model of dichotomous thinking. She said women must continually ask themselves how they can use their growing power without losing their valuable readiness to nurture.

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Co-chair of Women's Concern's Committee Meredith Butler said, "Not only are we celebrating our accomplishments this year, but we are expressing our joy in Toni Morrison's success in winning the Pulitzer Prize."

The Women's Concerns Committee advises the Affirmative Action Office and the University Commission for Affirmative Action on policy relating to the issues and concerns of campus women.

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April 14, 1988 88-29

UNIVERSITY AT
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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Vince Sweeney (518) 442-3075

STAR WARS FIIM ANIMATION, NEW GEOMETRY EXPLAINED, APRIL 21

The intellectual father of a technique used in the animation of the movies "Star Wars" and "Star Trek" and one which is important for the future of science will present a multimedia exposition, designed for a lay audience, of his work at 2 p.m. on Thursday, April 21, in the Performing Arts Center on the uptown campus of the University at Albany. His talk, which is free and open to the public, should be of special interest to many of the high school students on spring break.

In his presentation, titled "Fractals: From Geometry to Art," Benoit (pronounced, ben WA) Mandelbrot, who is an IBM Fellow at the corporation's Watson Research Center and professor of economics and applied mathematics at Harvard University, will explain the readily comprehensible aspects of his mathematics, fractal geometry, which is greatly expanding humankind's understanding of the newly-emerging scientific field called chaos.

He will demonstrate how a few simple numbers manipulated by his creation, fractal geometry, and a personal computer can instantly recreate (with mind-boggling complexity) the jagged, tangled, splintered, twisted, and fractured characteristics of nature such as sierra-type mountains and convoluted coastlines.

Chaos presents the irregular side of nature, the discontinuous, the erratic. Historians of science predict that the future will mark our century as much for its first inklings into chaos as for Einstein's relativity and quantum mechanics.

It is a better understanding of chaos which will illuminate our

ignorance about disturbances in the atmosphere, the swells of the ocean, the palpitations of the heart and the unpredictability the brain. Fractal geometry promises to help explain much of the 'how' of such phenomena. In recognition of the immense implications of his work, the National Academy of Science recently presented Mandelbrot with the Bernard Medal for Meritorious Service to Science, given once every five years to the nation's leading scientific innovator.

Mandelbrot will also receive an honorary degree from the University on Thursday. A separate, more technical presentation of many of the applications his work, which is also open to the public, will begin at 10:30 a.m. in the Biology Building's lounge.

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April 15, 1988

88-32

UNIVERSITY AT
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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Brenda Oettinger (518)442-3079

ATMOSPHERIC SCIENTIST RECEIVES PATENT FOR WIND MEASURING DEVICE

United States patent number 4,671,855 has been granted to Bernard Vonnegut, distinguished professor of atmospheric science at the University at Albany, for his latest invention--the Oscillatory Anemometer. Unlike ordinary anemometers, which go round and round, this one moves back and forth with a frequency that is a direct measure of the wind speed.

Vonnegut's invention is a modified version of a common wind vane. Instead of positioning itself in alignment with the wind direction, as an ordinary vane does, the modified vane oscillates about this position. Thus, it indicates not only wind direction, but also the wind speed.

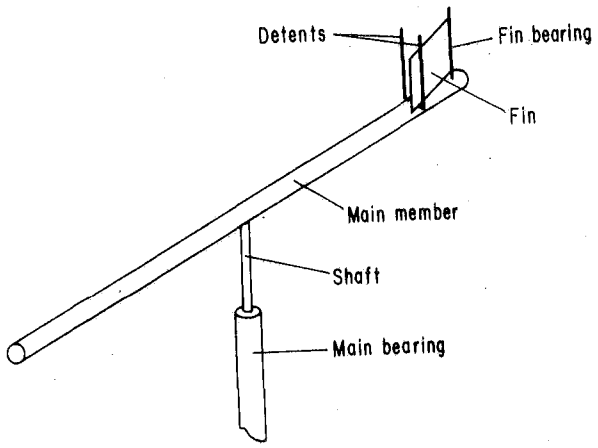
In addition to its ability to measure wind velocity under everyday conditions, the oscillatory anemometer is particularly suited for measurements of high winds. It has been tested at speeds of up to 200 miles per hour. As a result, the device can be used to obtain accurate measurements of wind velocity in hurricanes and in other intense storm systems.

The simplicity of its construction and operation make the Oscillatory Anemometer inexpensive to produce and easy to use. It is versatile and can range in size from a fraction of an inch to over ten feet in length. Larger models oscillate relatively slowly and can be timed from a distance using a watch; smaller ones have higher frequencies and correspondingly shorter response times. A simple count of the number of oscillations yields distance travelled. Differentiation of the count--a determination

- more -

of frequency--indicates wind speed.

Haflidi Jonsson, a doctoral student at the University at Albany, and Vonnegut published a paper on the Oscillatory Anemometer in the December 1986 issue of the *Journal of Atmospheric and Oceanic Technology*. Vonnegut, a world-renowned expert in atmospheric electricity and atmospheric physics, has published more than 150 professional papers and holds 26 other patents.



A schematic illustration of the Oscillatory Anemometer. Photograph opportunities of the actual device at work can be arranged with Dr. Vonnegut. Call him at 442-4586.

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518 442-3073

Contact: Tricia Chambers (442-3078)

Adirondacks/Hudson Valley Presentations Premier at University at Albany

Two presentations tracing the natural history of the Adirondack and Hudson Valley regions will premier on Tuesday, April 26 at 8:00 p.m. at the University at Albany.

Hamlets of the Adirondacks, by audio-visual photographer and producer James Bleeker, traces the development of Adirondack hamlets and industries, combining early photographs with original photography. **Hudson Valley Visions**, also produced by Bleeker, shows the contrast between past and present in the Hudson River Valley and is narrated by Walter Cronkite.

The presentation is the fourth of five natural history lectures at the University held on consecutive Tuesdays in Lecture Center 7 on the University's main campus, 1400 Washington Ave. The lectures, which begin at 8:00 p.m., are free and open to the public.

The New York State Department of Environmental Conservation and the University's Atmospheric Sciences Research Center sponsor the lecture series, organized each year by well-known area meteorologist Ray Falconer.

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April 19, 1988 88-30

UNIVERSITY AT
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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Tricia Chambers (442-3078)

Albany Professor Receives $50,000 Research Grant

University at Albany professor Brian F. Head recently received a $50,000 grant from the National Research Council of the Brazilian ministry of education for the research and preparation of a linguistic atlas of Sao Paulo, Brazil.

Head, director of the Portuguese program in the University's department of Hispanic and Italian Studies, said that the study of dialect geography is essential both for knowledge of contemporary speech and for understanding language change. Research on rural speech has important applications for decreasing illiteracy, which is widespread in Brazil. Publication of the atlas is planned for 1991.

The six-member research team is directed by Head and Professor Pedro Caruso of the University of Sao Paulo at Assis. Head began work on the project during a sabbatical leave, 1986-87. The present grant provides funds for data gathering, phonetic transcription and preparation of dialect maps.

The research team also includes Maria Ines Rehder, who is currently a graduate exchange student at the University. She is visiting from the University of Campinas.

Head is a leading researcher on contemporary forms of Brazilian Portuguese. Some of his earlier work described the spread of popular speech from the state of Sao Paulo to other parts of the country.

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April 21, 1988 88-33

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news

518 442-3073

Contact: Tricia Chambers (442-3078)

Albany Professor Receives $50,000 Research Grant

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April 21, 1988 88-33

UNIVERSITY AT
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Administration 233
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news

518 442-3073

Contact: Henry Elonge (518)442-5249 or Brenda Oettinger (518)442-3079

ALBANY STUDENTS RECOGNIZED DURING EXERCISE
IN NATION'S CAPITAL

Four graduate students from the University at Albany won excellence awards for preparation, debate and representation during a simulation of the deliberations of the Organization of African Unity, comprised of 50 member states on the African continent.

During the March event, held each year in the nation's capital and sponsored by Howard University, African, African American and European American students introduced, debated, and approved or defeated resolutions on social, defense, economic, liberation and mediation issues relating to Africa. More than 400 students from 30 colleges and universities across the country participated in the OAU model this year.

Henry Elonge, a doctoral student in Public Administration at Albany's Graduate School of Public Affairs and Policy, was program coordinator for the Albany students this year and for the past four years. Helen Desfosses, Ph.D., who heads the public policy program at the University at Albany, provided faculty advisement and support.

The award-winning students included: Ammar Deliou, an Algerian studying political science; Dyallon Naidoo, an Azanian economics major; Mahmoud Issa Ghettu, an Eritrean in the Public Administration and Policy department; and Martin Torain, an American in African and Afro-American Studies. They represented the French-speaking Republic of Guinea on the west coast of Africa in the ninth annual simulation model of the OAU.

Colleges and universities interested in participating in the 10th anniversary model OAU should contact Elonge, or Michael Nwanze of Howard University at (202)636-6724.

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April 22, 1988 88-25

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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Mary Fiess (442-3091)

University Biologist is Chosen as American Cancer Society Scholar

University at Albany biologist David Shub has been named an American Cancer Society Scholar and awarded a $25,797 grant to support his research into the nature of gene structure.

Shub's research focuses on a recently discovered feature of DNA known as introns.

Scientists have known for many years that genes lie in linear arrays along the DNA -- deoxyribonucleic acid -- molecule. But only recently have they discovered that the portions of genes that direct the synthesis of proteins are not always continuous or aligned one after another. Genes can be interrupted by segments called introns, which are stretches of DNA that do not code for the production of proteins. The exact function of introns is not known.

One thing that is known, says Shub, is that the introns are excised in the process of protein production. The production of proteins occurs in two basic steps. First, the appropriate DNA in a cell is copied, or transcribed, into a related genetic material, RNA. After undergoing some changes, including the excision of introns, the RNA moves to the outer portion of the cell, where it is "read" and translated into protein.

Introns are puzzling to scientists for a variety of reasons. At first glance, they appear to be "junk" interrupting the coding sequence, says Shub, and they seem to exist only to be cut out. And because they need to be excised, their presence slows the protein-making process. In higher organisms, this delay is relatively negligible; but in simpler organisms, the delay is more pronounced and thus appears to have more serious implications for the welfare of the organism, says Shub.

For a number of years, Shub has been investigating a bacteriophage known as T4 in an effort to shed new light on the process by which genes are, in effect, switched on to express the specific characteristics they control. (A bacteriophage is a virus that infects bacteria.) His more recent research into the nature of introns is an offshoot of that work, and T4 is continuing to serve as the research subject.

Shub's grant from the American Cancer Society is enabling him to work this year with biochemist Thomas Cech at the University of Colorado. Cech is a pioneer in the study of introns. By observing and working with Cech, Shub says he hopes to improve his own laboratory techniques for his intron research.

For additional information, Shub may be reached at the University of Colorado at (303) 492-7027.

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April 25, 1988 88-33

UNIVERSITY AT
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Administration 233
Albany, New York 12222

news

518 442-3073

Contact: Tricia Chambers (442-3078)

Iroquois Indians To Be Focus of Natural History Lecture

The Iroquois Indian culture will be the focus of a lecture by Paul Weinman on Tuesday, May 3 at 8:00 p.m. at the University at Albany.

Weinman, supervisor of Museum Education at the New York State Museum, will use artifacts, slides and demonstrations to illustrate the Iroquois' history, music, stories and way of life.

The presentation will culminate the spring natural history lecture sereis held in Lecture Center 7 on the University's main campus, 1400 Washington Ave. The lecture is free and open to the public.

The New York State Department of Environmental Conservation and the University's Atmospheric Sciences Research Center sponsor the lecture series, organized each year by well-known area meterologist Ray Falconer.

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April 25, 1988 88-34