LAMONT-DOHERTY EARTH OBSERVATORY OF COLUMBIA UNIVERSITY

LDAA Alumni NEWS

Spring 2003 Published twice a year for alumni and friends of Lamont-Doherty Earth Observatory

WHAT'S NEW ON CAMPUS

OCEAN BOTTOM SEISMOMETER FACILITY

In a building at the center of campus some may remember as the "Old Shipping Shed" or "Mineral Physics Lab," Lamont scientists are building a large fleet of ocean bottom seismometers (OBS) to record signals from earthquakes during yearlong deployments on the deep sea floor. The Lamont facility is one of three national Ocean Bottom Seismometer facilities (the others are at Scripps and Woods Hole).

Spahr Webb, adjunct professor and Palisades Geophysical Institute senior research scientist, and engineering technical support staff including Pat Jonke, Bern McKiernan, and Eric Phillips, design and build the OBS units in the facility.

The Lamont instruments are designed for broad band seismic observations and are capable of deployments of more than one year for experiments using natural seismicity to investigate the structure of the oceanic crust and upper mantle.

The new OBS lab is in the "Old Shipping Shed" (top). Pat Jonke at OBS electronics bench (bottom left). Spahr Webb, Palisades Geophysical Institute senior scientist (bottom right).

MONELL BUILDING

Sited along the rocky Palisades Cliffs about 300 feet above the Hudson River, the Monell building opened in January 2000. The building curves along the natural contours of the cliff for the length of nearly two football fields.

The 27,000 square-foot building was designed by Raphael Viñoly Architects and was built at a cost of $12 million. It was financed in part by a generous grant from the Ambrose Monell Foundation. George Rowe Jr., president of the Monell Foundation, is also president of the G. Unger Vetlesen Foundation, a longtime supporter of the Observatory.

Photo: Brendon Hoch

Photo: Daniel Weiss

Monell building as seen from Oceanography on a snowy day (above left). Monell lower lobby area (above right).

The building is made up of two single-story wings that meet at a central point to form a two-tiered lobby. Adjacent to the lobby is a 182-seat state-of-the-art auditorium, where many talks, including the Public Lectures and Friday Colloquia, are now held.

The Monell building houses the International Research Institute (IRI) and the office of the Lamont director.

(For more on Monell, see page 11.)

LETTER FROM G. M. PURDY,
THE LAMONT-DOHERTY EARTH OBSERVATORY DIRECTOR

Much has happened during the past several months. The scope and function of this newsletter demand that I focus upon those events that are internal to our life here at the Observatory, so I will be talking about small things relative to the recent turmoil in the world around us. I doubt you will be surprised that I plan to focus on happy events that accurately convey a positive message of progress and accomplishment in the daily activities of the Observatory.

Everyone reading this should have received a copy of our new Biennial Report—if you have not, please let us know. It is six years since the Observatory produced its last report, so this was a major effort, involving as it did the establishment of a whole new format and approach to this document. We are committed now to maintaining a regular schedule—producing one of these reports every two years, and we will follow (approximately) the format that we have established here. As you are the primary audience for this document, we would greatly value hearing your opinions—good and bad—about this report.

Bob Anderson

We have been making many much needed investments in the maintenance of our basic infrastructure on the campus as well as preparing plans for an ambitious program of campus renewal. We are expending significant resources on the replacement of roofs on almost all the major buildings, most of which have for some time been in such a state of disrepair that rainwater leaks in offices and laboratories had become commonplace—clearly a completely unacceptable situation.

Our public lecture series this year is even more successful than in past years—the problem we have right now is thinking of ways of handling audiences that exceed the capacity of the Monell auditorium. We are beginning a new tradition this year of inviting an alumnus to present one of the talks, thus making a special effort to attract members of our Alumni Association to attend and meet old friends. This year, Bill Ruddiman, now professor emeritus at the University of Virginia, is honoring us by giving this lecture.

There should never be any doubt about the continuing world-class caliber of our staff. Accomplishments and awards abound. Gerard Bond has been awarded the Ewing Medal by the American Geophysical Union (AGU), Mark Cane has been recognized by Scripps Institute of Oceanography with the award of the Cody Medal, and Taro Takahashi has been elected a fellow of AGU.

This year we felt that we should not always depend on outside entities to recognize the greatness of our staff, so we created a Directors Award for Outstanding Research Achievement. The first recipient was Bob Anderson, who gave a talk and received his award in a very well attended event in Monell auditorium.

I hope you enjoy this edition of our Alumni and Friends Newsletter. Please come and see us when you are in the area and have a great summer.

Mike Purdy
Director
Lamont-Doherty
Earth Observatory

To share comments and ideas for future issues, please contact:

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Each issue of the Alumni News *features a profile on a distinguished Lamont alumnus. This edition spotlights Arnold Finck. The profile was written by Doug Brusa.*

LAMONT ALUMNUS PROFILE

Arnold Finck

"Frankly, we don't know how we would get along without Arnold," wrote Maurice "Doc" Ewing and J. Lamar "Joe" Worzel in a letter to Columbia University's vice president for Business and Finance in January 1966. "Arnold" was W. Arnold Finck, Palisades resident, veteran of U.S. Army Intelligence in World War II, and longtime administrator of Lamont Geological Observatory.

Finck at seismograph, 1950s

Eating lunch in the Lamont cafeteria recently with Arnold Finck was a treat—diminished only slightly by the near constant interruptions of Arnold's many scientist friends coming by to say hello. Finck replied to all in his uniformly genial fashion, one of the traits, one suspects, consistent with lasting more than 25 years as Lamont administrator. With great affection, Finck related stories of the early days of Lamont.

It was Joe Worzel, Lamont's first associate director and a neighborhood acquaintance of Finck's, who lured him from a career at the New York Life Insurance company. One day in 1950 Worzel suggested Finck might like to come work as business manager at the new observatory up the hill from his house on Washington Spring Road.

Finck quotes Doc Ewing as saying during the interview, "We're not on strict hours here, so if you have a family obligation, go ahead and take care of it." Finck laughs, explaining that Doc got his time out of his employees one way or another.

The period during which Finck served as administrator were years of enormous growth and accomplishment for the Observatory. "We started to expand very fast, and we were all stuffed into Lamont Hall." One day, Doc said, "We've got to get more space Arnold, see what you can do." Finck knew the tennis court from personal experience. Before the establishment of the Observatory he had played there with a friend of the Lamont family. Finck recognized an efficient flat building site when he saw it, called up the Butler building people, and had the building constructed. "We built that building for $10 per square foot," he says.

Finck notes that he received some subtle encouragement from his wife to create an employee cafeteria. He had been coming home for lunch every day.

Facilities built on Finck's watch include the Machine Shop, Geochemistry, Seismology–Marine Biology, New Core Lab, Instrument Lab, Oceanography, Geophysics "Butler" building, Geoscience, Director's Residence, a storage shed on campus (now the OBS Lab), and another on Piermont Pier.

He worked at first in the hallway of Lamont Hall, then in a private office that had been a ladies' powder room. "People were envious," he said; "I had a john right in my office."

Constant challenges for Finck included funding the nondirect costs associated with Lamont research and establishing day rates and reimbursements for Lamont's first research vessel, the *Vema*. No rules then existed for how to allocate the costs of a research vessel, so they made them up as they went along, with the guidance of a representative from the Office of Naval Research.

Other problems arose from operating a very specialized—and unusual—part of a very large university. For the Lamont staff working full time at the Bermuda station, he fought to get standard employee medical benefits and did. On occasions when paychecks didn't arrive on time, he made advances out of the petty cash fund, an act that endeared him to the staff but was beyond the rules and regulations.

Discussing the challenges of providing administrative and facilities support while the Observatory grew from 25 employees to 500, Finck gives credit to his staff. "They

Continued on page 11

LETTER TO ALUMNI FROM ASSOCIATION PRESIDENT JEFF FOX

Dear Lamont Alumni,

Our still-young association has been busy, and I'm pleased to report on progress we've made on several planned initiatives.

First, I wish to thank all our alumni and friends who responded to our annual appeal in November. We received many generous contributions—some are still coming in—and exceeded last year's contributions by a significant amount. These unrestricted gifts are essential to a healthy association and future for the Observatory. They allow us to communicate with alumni and friends and to support very desirable, but underfunded activities such as student field trips. I thank you for your continuing support.

For those of you who were able to make it to our Alumni Reception at the meeting of the American Geophysical Union in San Francisco in December, I don't have to tell you we had many attendees, and a great time (see photos elsewhere in this issue). Before the reception we held a general alumni meeting that was well attended; in fact, we had a crowd that overflowed into the hallway.

At that meeting, Mike Purdy presented an informative "State of the Observatory" talk, and many alumni introduced themselves and told of their post-Lamont jobs and activities. Among the group were people who work in local, state, and federal government, at academic institutions in the United States and around the world, and in private companies.

Having a diverse and engaged membership is consistent with our nascent efforts to provide mentoring opportunities with and among the Lamont staff and alumni. At AGU several attendees volunteered to be involved in this effort, and the Lamont Development Office is working on establishing a mechanism to provide this service to our community.

I am pleased to announce that another goal of the Board of Directors has come to fruition, and that is the involvement of Lamont alumni in the Public Lecture Series. Bill Ruddiman, Lamont alumnus and professor emeritus at the University of Virginia, was asked to give the first-ever lecture sponsored by the alumni association on April 27, 2003 (see full schedule elsewhere in this issue). Regional alumni were mailed an invitation to join Bill for the talk and for a reunion in Lamont Hall. We expect the alumni talk and reunion to become an annual event.

This edition of our newsletter has, as usual, an alumnus profile. The slight difference this time is that the alum is not a scientist, but a past administrator—Arnold Finck. Arnold is well known to many alumni of the 1950s through the 1970s. He serves to this day as a member of our association's Board of Directors and is an example of the many Lamonters who—while not scientists or degree recipients—are still valued members of the Lamont family.

As we approach the 50th anniversary of its occurrence, we hope you will enjoy reading "A Letter to my Children," written by Doc Ewing after the "men overboard" experience in January 1954. It reminds us that work in the field can often be dangerous, even deadly.

Looking ahead, I hope to see some of you at the Open House, scheduled for Saturday, October 4, or the AGU meeting (date to be announced).

Jeff Fox

President,
Lamont-Doherty Alumni Association

Summer Programs at Lamont Emphasize Undergraduate Research and Science Policy

Two New Educational Programs are Planned for Summer 2003

By William Menke, Deputy Director for Education and Chair of the Department of Earth and Environmental Sciences

The Earth Intern Program will bring Columbia undergraduates to the Lamont campus for eight weeks of intensive research. This new program significantly expands our existing summer intern program, both in terms of the number of students (rising from ten to twenty) and breadth (from ocean sciences to all of earth and environmental science and policy).

Each intern will conduct a research project under the supervision of a Lamont-affiliated scientist and will publicly present his or her results at a miniconference held at the end of the program. This is often an intern's first exposure to hands-on research.

In previous years, many interns have had the subsequent satisfaction of going on to present their summer research at scientific meetings and even to publish them in scientific journals. The program also features twice-weekly lectures that focus on the hottest science and special workshops on job placement, professional ethics, lab safety, and technical writing.

The intern program is coordinated by Dr. Dallas Abbott of Lamont and is a cooperative effort of the Department of Earth and Environmental Sciences, Lamont, and The Earth Institute.

The Earth System Science, Policy, and Management Program, sponsored by Columbia's School of International and Public Affairs, will hold its classes at Lamont this summer.

This program trains public managers and policymakers in applying innovative and sophisticated system-based thinking to environmental issues. It confers the Master of Public Administration degree. Prof. Patrick Louchouarn, an environmental chemist with the Department of Earth and Environmental Sciences, coordinates the program. Several other Lamont scientists will participate as lecturers and workshop leaders.

THE EARTH INSTITUTE—A FOCUS ON CITIES

By John C. Mutter, Professor, Department of Earth and Environmental Sciences and Deputy Director/Associate Vice Provost of The Earth Institute at Columbia

In spring 2003, a contingent of Earth, social, and life scientists from The Earth Institute will be heading for the West African city of Accra, Ghana. Accra is the first case study of 21st Century Cities, a new Earth Institute initiative that focuses on the challenges of urban growth.

The 21st Century Cities project is based upon the realization that this century will be heavily influenced by the rapid expansion of cities in developing countries. Population growth leads to economic growth, technological innovation, and cultural exchange, but these cities also suffer from poverty, environmental pollution, disease, and water issues. The task at The Earth Institute is to help these cities reach their great potential.

The Earth Institute delegation traveling to Accra in June will include scientists and faculty in economics, health, hydrology, agriculture and food supplies, energy, disaster resistance, governance, and information management. Art Lerner-Lam from Lamont will be in the delegation to advise on natural hazards and disaster response.

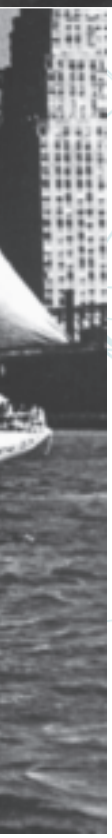
Accra was chosen because, although it has growth challenges, it also has resources and a government ready to try and address those problems. The capital of Ghana has enjoyed two decades of economic stability and a strong democratic tradition, so it is in an ideal location to benefit from tourism, commerce, industry, and enormous growth.

Over the next few years, while continuing its work in Accra, the 21st Century Cities project will focus on questions that affect growing cities in many developing countries. Another rapidly growing city that will be included in the project is Fortaleza in northeastern Brazil. Throughout the project, The Earth Institute's goal is to create a body of knowledge about sustainable development in rapidly growing cities that care to inform decision-making in such cities.

A Letter to My Children

Early in the morning of January 13, 1954, the 200-foot schooner Vema, *carrying an eight-man oceanography expedition from Columbia University and a thirteen-man crew, was battling against high winds and mountainous seas 200 miles north of Bermuda. Suddenly, four men were swept overboard. One of them was the leader of the expedition, Professor W. Maurice Ewing, 47, director of Columbia's Lamont Geological Observatory and a world-famous oceanographer. During the next harrowing hour, Professor Ewing's life was almost snuffed out. Rescued at last, he was able to write this remarkable letter the following day to his five children, who ranged in age from 3 to 19.*

At sea January 14 1954



My dear, dear children,

I want to write to you about love—the love of God, the love of family, and the love of our friends and neighbors. I have tried to tell you before about the importance of love, but probably I didn't make it very clear. I know more clearly now, myself, what love can do, so maybe I can help you understand better.

Yesterday a big wave swept me into the sea, and I had to swim in a gale with waves as high as our house, for a long, long time before the ship could come back and pick me up. It was your wonderful love for me that gave me the power to keep on swimming after all strength was gone.

This is how it happened. We had had a hard trip, gales most of the time, and we found that water came in badly around the deckhouses. Yesterday at seven I was on deck making my way to the chart room, to find our position by use of the loran set, when I noticed that four big drums of lubricating oil had broken loose and were sloshing around. *Vema* was pitching and rolling violently, and the drums were threatening to break in the afterdeck house, which might have let in enough water to sink the ship. Just then Uncle John, and the first and second mates, Charles Wilkie and Mike Brown, came on deck. Together we started to secure the drums.

We had just finished lashing the last one when a terrible wave came. None of us saw it coming. Instantly we were covered with water and thrown about with the drums. I expected every second to hear the terrible crash that would mean broken bones and a crushed body.

Suddenly I realized I had been thrown clear of the ship. I was a long time in coming up, and there was a lot of water in my lungs when I reached the surface. They made that bubbly rattly noise that a person with pneumonia makes whenever he tries to take a deep breath.

I saw that all four of us were in the water. Each of the mates had hold of one of the oil drums, which was giving considerable support, and Johnny was striking out to swim after the logline of the ship. I was sad to see this, because I knew it would be going so fast he could not hold on to it. I tried to swim to an oil drum, but my clothes bothered me so badly and I was so nearly drowned anyway that I quickly gave up and concentrated on trying to get my clothes off.

I got a shoe off, and as it went I remember wondering how long it would take to get to the bottom, three miles down. Having photographed and sampled the ocean bottom so much, I thought how silly a shoe would look sitting down there. Then the other shoe went. Now I was having a hard time getting my trousers off. They were hobbling me; I couldn't swim at all.

Just then I heard a voice. It sounded quite near. It said "Doc! Doc! Help! Help! Save me!" I got the trousers clear and looked. But everywhere there were mountainous waves, and I couldn't see where the voice had come from. I couldn't see anybody—just those terribly high waves.

I started getting my shirt off. I was working very hard and just barely staying afloat. Then I heard the same voice cough, choke, and groan. I looked around and couldn't see anybody anywhere. And then it was quiet. I understood then that he had died, and that drowning was just the opposite of what I had always imagined it would be. I had supposed you got so tired that you just gave up, but it seemed clear that what had happened was more like a sudden unexpected attack by a strangler.

I think he was caught by a wave, got a lungful of water which made him cough, couldn't control himself and quickly drowned. It turned out that this was Charles Wilkie, the first mate, a brave and fine young man.

When I got my shirt off I could finally size up the situation. For an instant I saw *Vema* off there about a mile away. She had turned around and was headed for us. But in those huge seas, just as I would get squared for another look, a wave would break and roll me over and over and over. I wondered if I could possibly last until the ship got back.

When she was about half way, she stopped. The steering gear had broken down the day before and I supposed that it was breaking down again. Actually, *Vema* had stopped to pick up Uncle Johnny. I learned later that he had got hold of the logline but could not stand the speed—it burned his hands. So he swam to a

Open House and Alumni Reunion 2003

Save the Date—Attend Open House
Join Us as a Volunteer

Please join us for Lamont's Annual Open House
Saturday, October 4, 2003
10:00 A.M.–4:00 P.M.

Alumni Reception Area
10:00 A.M.–3:00 P.M.—Lamont Hall

Alumni Association Annual Meeting
3:00–4:00 P.M.—Lamont Hall Seminar Room

Open House Party for Staff, Volunteers, and Alumni
4:00 P.M.—Monell Lobby

If you would like to volunteer or
if you have any questions, please contact:
Sara Kopcsak, Development Assistant
kopcsak@ldeo.columbia.edu
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Dave Walker hosted a very popular "Mr. Wizard" exhibit at Open House 2002

Young visitors at the Marine Geology exhibit, Open House 2002

LETTER *Continued from page 7*

ladder that he saw floating, got onto it, and was able to stay afloat quite comfortably.

Now the ship turned away. I couldn't tell which way the wind was, since everything was so confused, but I assumed that the skipper had to turn around again and make another pass on another tack. I didn't think I could last until *Vema* got back.

Unable to swim anymore, I turned on my back to try to float, and I tried to get my breathing going the way you and I have often talked about: you take a deep breath and hold it a long, long time so that you have lots of buoyancy, and then bow it out quickly and get another one. But my lungs were so full of water that I couldn't hold my breath long, and every time I'd try to get a mouthful of air the waves would break over me and I'd swallow more water, and there wasn't anybody that I could see anywhere and then it went black and I couldn't see anything.

I suppose you'd think that a person would be pretty much alone out there at a time like that. I wasn't alone a bit. It seemed as though all the good people I love and who love me were there, and were encouraging me. Then they all went away and just you children were there, and it seemed that I needed to come and do something for my children. It seemed that all of you—Bill and Jerry and Hopie and Petie and Maggie—were about to drown, and I had to keep on swimming to save you.

Then only little Maggie was there. I couldn't see Maggie, but I could hear her. She was calling just the way she calls down the stairs when she hears my voice when I come home at night. Over and over she said, "Daddy, Daddy, my Daddy, come, Daddy, come!"

You must remember that children, always. Remember that Maggie's love was stronger than all those tremendous, terrifying waves. Even though they'd break over me and roll me over and over, still Maggie's love was stronger. And just when I had forgotten about everything but Maggie—I was trying to come to her—I heard a nice clear voice right close to me.

"Doc," it said, "I could hold onto this barrel easier if you'd take hold of the other end." Here was Mike Brown, holding on to one end of a drum of oil! The drum came

Lamont-Doherty Earth Observatory of Columbia Public Lecture Series 2003

Marc Spiegelman speaking to a full auditorium, March 30, 2003

March 2, 2003
Exploring the Hudson and Finding Sunken Treasures
Robin E. Bell, LDEO

March 30, 2003
Plumbing the Depths: Volcanoes as Windows into the Dynamics of the Deep Earth
Marc Spiegelman, LDEO

April 27, 2003
Sponsored by the Lamont-Doherty Alumni Association
Farms, Plagues, and Climate
Bill Ruddiman, Professor Emeritus, Department of Environmental Sciences, University of Virginia

May 18, 2003
Lamont's Tree Ring Laboratory
Panel presentation by Tree Ring Lab scientists

June 8, 2003
The R/V Maurice Ewing
Panel presentation by R/V Ewing staff

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right up to me and I took hold of it. It was then worlds easier for me, and easier for him. A drum of oil with one man holding each end balances like a see-saw.

I could see the ship now—she was coming towards us. Captain Gould had gone aloft to keep us in sight, and Captain McMurry was at the wheel. We couldn't have been in better hands. Somebody threw a heaving line and Mike got it. He held on to the line with one hand and on to the barrel with the other and let them pull us to the ship.

The ship was rolling terribly, and I was so weak I couldn't lift a hand. On one of *Vema*'s deep rolls, Mike got his arms over the rail and climbed aboard. But that roll knocked me far under. I saw a rope right beside me just as I went down, and I got hold of it. I thought I'd never come up, but when I did I still had hold of the rope. And then on *Vema's* next roll the men caught me by the arms. I don't remember anything more for a long while, until I woke up in a bunk under a pile of blankets.

Now it's the next day and I'm awfully thankful to be alive. I have learned that the steering gear broke down just as the men threw the heaving line to us. If it had happened sooner I think I could not have been saved. Uncle Johnny is well. His leg was a bit banged up, but no bones were broken. Mike Brown is well. He was able to stand his watch within a few hours! I'm still a bit crippled up in my left side; I guess I'm a little too old for such heavy swimming. We'll get to Bermuda tonight and the doctors can fix me up.

There are lessons we can learn from this experience. As a scientist I naturally think first of physical things. We must all learn to swim well, and we must avoid bad habits that weaken our bodies. But I know, too, that something more than the merely physical was involved in my being able to survive.

We must remember about love. The love that you children, your mother, and I have for each other gave me the strength to keep afloat long after I was exhausted. Your love—little Maggie calling to me—was stronger than those terrible waves. God's love brought Mike Brown and the oil drum to me at the last, and brought the ship to us before the steering gear broke down again. We may not be able to understand fully the power of love, but it is very real, and is one of the most important things in the world.

My love to you all,
Dad

This letter is reprinted with permission of the Reader's Digest Association.

AGU

Lamont Alumni Meeting and Reception
at the Fall Meeting of the American Geophysical Union
Crowne Plaza Hotel, San Francisco, December 9, 2002

Pat Manley, Middlebury College; Rick Fairbanks, LDEO; Marcia McNutt, Monterey Bay Aquarium Research Institute

Tom Shipley, University of Texas at Austin; Mike Purdy, Director, LDEO; Suzanne Carbotte, LDEO

Karen Ricciardi, Bard College; Paul Friberg, Instrumental Software Technology, Inc (ISTI); Sid Hellman, ISTI; Brenda Ekwurzel, University of Arizona; Stephany Rubin-Mason, Georgia Institute of Technology

Greg Mountain, Rutgers/LDEO; Lynn Sykes, LDEO; Jeff Fox, Texas A&M/Ocean Drilling Program; Art McGarr, U.S. Geological Survey

were a dedicated, flexible and loyal group, committed to assisting the scientific staff in achieving their goals."

Talking with Walter Pitman after lunch, he offers this about Finck: "Arnold kept the finances of the place moving along very smoothly during a period when funding was very erratic. He was a great stabilizing influence on the Observatory and a gracious gentleman in the best sense of the word."

Finck's involvement with Lamont has continued well past his formal retirement. When the nonprofit Palisades Geophysical Institute (PGI) was established to continue classified research that Columbia had declined, Arnold was asked to help with its administration. PGI continued its government work successfully for decades and has even used some surplus funds to support research at Lamont and elsewhere.

Arnold Finck, an active member of the Lamont-Doherty Alumni Association, still lives with his wife Liz in the house on Washington Spring Road down the hill from Lamont and visits the campus regularly.

New Development Office Staff

Pictured (l. to r.) are Doug Brusa, Sara Kopcsak, and Timothy Harwood, members of the recently redesigned Lamont Development Office. Doug, formerly the Purchasing Manager at Lamont, is now Associate Director of Development and concentrates on alumni and community relations as well as the annual fund. Sara is Development Assistant and is working on list maintenance, special events, and Columbia's new fund-raising software. Tim, the Director of Development, joined Lamont last September from Hunter College and works closely with both the University's central development office and The Earth Institute's Office of External Relations. Together, the team is working on developing prospects for Lamont's capital and endowment needs.

If you'd like to share some information about yourself or want to reach out to a fellow Lamonter, please feel free to contact us at 845-365-8634 or at alumni@ldeo.columbia.edu. If you have any information on former Lamonters who aren't receiving information from us, or if you know of someone who might be interested in our work, we'd very much like to hear from you!

Ambrose K. Monell visited the Lamont campus and Monell building with Mike Purdy in late 2002. The G. Unger Vetlesen Foundation has been a longtime supporter of the Observatory. More recently, the Ambrose Monell Foundation provided critical funding for the Monell building. Mr. Monell is a director of both foundations.

LAMONT-DOHERTY
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IN THIS ISSUE

WE WANT TO HEAR ABOUT YOU!

If you have any news, we want to know!

Please send your contact information and other updates to Sara Kopcsak, Development Assistant, at **kopcsak@ldeo.columbia.edu.** You can also mail or fax the information to Sara at:

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THANKS FOR WRITING

GOOD TO HEAR FROM YOU!

Thank you to those of you, including Charlie Bentley, Jim Dorman, Kerry Hegarty, Jean Parker Katz, Chuck Officer, and Don Tobin, who have written with suggestions, comments about the newsletter, and additional identifications from the Lamont Hall photo in the winter 2002 edition.

We are happy to receive readers' suggestions for future stories, additional winter 2002 Lamont Hall picture identifications, and news about you and your fellow Lamont alums. Please send these to Doug Brusa, Lamont-Doherty Earth Observatory, 61 Route 9W, Palisades, NY 10964-8000, or brusa@ldeo.columbia.edu.

Contributions to Lamont-Doherty Earth Observatory may be made via our secure Web site:

www.columbia.edu/cu/alumni/support/