

Stony Brook Researchers View Hassles Surrounding Us

By Sue Risoli

Your babysitter just quit. The mechanic prescribed a transmission to cure your car, and then you were late for work. Stepping in a puddle put the finishing touch on your day.

What may spell aggravation for the rest of the population is something much more positive to Stony Brook researchers Arthur Stone and John M. Neale. Stone, assistant professor of psychiatry and psychology, and Neale, professor of psychology, have spent the past several years examining whether there is a relationship between mood, physical symptoms and the daily stress that plagues us all.

Stone and Neale asked 79 married couples to fill out an 18-page booklet each day, for 112 consecutive days, to obtain information on what happens to people and how they cope. The booklets contained questions on such topics as work, family life and financial situation. Participants in the study (known as the "Daily Life Experience Project") also recorded in their booklets whether they experienced any physical symptoms or discomforts, and how they dealt with them.

In addition, the couples were asked what the "most bothersome event or issue" of their day was, how they felt about it, and which of eight "coping strategies" listed in the booklets they used to handle the problem. (Among the coping strategies were "tried to see the problem in a different light" and "sought or found spiritual comfort.")

Though Stone and Neale are still forming conclusions based on the results of the "Daily Life" study, they have made several observations about mood, physical well-being and daily stress:

- Males and females cope with stress much more similarly than was previously believed. "The typical perception is that males are more likely to take direct action as opposed to thinking about a problem or putting it in perspective," said Stone. "But we found in our study that it only looks that way because men are more likely than women to report the kinds of problems that go along with direct action, such as problems at work. If

Monday' bit is a reaction to the change from Sunday to Monday," Stone speculated.

- People can recover even from serious stress in only a day. Stone and Neale studied the reactions of those who said they experienced "meaningful" stress (whether it was a relatively minor event, like getting stuck in traffic, or something like an argument with a spouse or a setback at work). They found that even those in extremely foul moods bounced back by the next day. However, Stone pointed out, this is not the case for such traumatic life events as the death of a family member.

- Though results are still tentative and unconfirmed, the "Daily Life" study seems to indicate that there is an increase in undesirable daily

events three days before an episode of physical symptoms is reported (an episode refers to three or four days of symptoms, such as a cold). However, subjects reported that life ran smoothly during the next two days leading up to the onset of symptoms. "If this finding holds up, it's going to be one of the stronger statements about life event stress and physical symptoms," Stone remarked. "Techniques such as stress management and changing a person's style of coping may be quite relevant to the prevention of physical discomfort."

What about the stress caused by having to fill out the 18-page "Daily Life" booklet every evening? "We had a good number of dropouts," Stone admitted. Those who remained in the study, though, didn't feel that their commitment to the project created any undue tension. As for himself, Stone revealed, as a result of the study "I find myself observing what I do a bit more. I kind of notice which of the eight coping styles listed in the

booklets I'm involved with."

He and Neale are now investigating whether some people are "innoculated" to stress (those who just don't seem to be as affected by stress as others are).

Along with Donald Cox, D.D.S., assistant professor of periodontics, they are taking a closer look at how stress affects the body. Utilizing saliva and blood samples from students in the School of Dental Medicine, the researchers have found evidence of a correlation between stress and the activity of the body's immune system. "We have seen that there is some connection between high stress and decreased white blood cell counts," reported Cox. As more information is collected, the scientists expect to get a better idea of how stress breaks down the body's defenses. Other stress studies, being conducted by graduate students under Stone's supervision, include research on angina attacks and birth complications.

So, take heart. You may think you're stuck with stress, but thanks to Arthur Stone, John Neale and their colleagues (plus the 158 individuals who faithfully filled out their "Daily Life Experience" booklets), we're learning more about how to cope with it.



First "Town Hall" Forum To Be Held May 10

A series of campus forums, modeled on the concept of the traditional New England town hall meeting, will begin with a program on affirmative action to be held Friday, May 10 in the Main Auditorium of the Fine Arts Center.

"We are giving people a chance to address questions directly to campus administrators, who will respond to those concerns," said Special Assistant to the President for Affirmative Action Marion Metivier.

Members of the campus community who wish to voice concerns on affirmative action were asked to register their topics with Metivier's office by April 26. The event, to begin at 2 p.m., will continue until all registered speakers have been heard. Speakers will be limited to five minutes.

Administrators expected to attend the meeting are President John H. Marburger, Provost Homer Neal, the University's five vice presidents and two vice provosts and Metivier. Administrators also will be limited to five minutes in their responses to questions from speakers. At the conclusion of the meeting, if time permits, administrators will take questions from members of the audience who have not registered as speakers.

Metivier stressed that students as well as faculty and staff are encouraged to participate in the program. "I think affirmative action affects everyone," she stated. "Some people don't come forward with their issues because they don't know where to go or because they're afraid to. We want to hear what they have to say."

Commented President Marburger, "I look forward to participating in the town hall meeting, and encourage other members of the campus community to take this opportunity to interact directly with senior administrators."

The study seems to indicate that there is an increase in undesirable daily events three days before an episode of physical symptoms.

you look at how males and females cope within the same types of problems, the coping is almost the same." Women were more likely to report problems with family or social life, he noted.

- Monday has an undeservedly poor reputation as the most depressing day of the week. "Daily Life" data indicated that people's moods were no worse on Monday than they were on any other weekday. Not surprisingly, moods began to improve on Friday and peaked on Sunday. Strangely enough, though, when subjects were asked by Neale and Stone which was the worst day of the week for them, they responded "Monday"—even when they had indicated otherwise in their booklets. "Perhaps the old 'blue

14 Employees Honored with Excellence Awards

Fourteen members of Stony Brook's faculty and staff have been honored with President's Awards for Excellence.

This year's recipients, recognized for their service to the University, include three faculty members chosen for excellence in teaching and 11 staff members in four categories. Each is being honored in a campus ceremony by President John H. Marburger.

The selection process begins with nomination by departmental colleagues and review by a selection committee within each professional grouping.

The award winners are: Marion J. Barnard, senior stenographer, Center for Continuing Education; Michael Barnhart, assistant professor of history; Florence Boroson, assistant dean, College of Arts and Sciences; Julio Genao, mechanic, Equipment-Buildings Systems; Arnold Jaffe, associate in instrumental resources, Department of Family Medicine; Katheryn McKenna, senior stenographer, Department of Psychology; Janice Mollet, senior clerk, Biomedical Library; Paul A. Newlin, associate professor, English; Katheryn A. Nykolyk, senior stenographer, Personnel; Eleanor M. Schetlin, associate dean of students, Health Sciences Center; Kenneth L. Short, associate professor of electrical engineering; Catherine D. Swenson, assistant head, Cataloging Library; Winifred S. Tobin, senior stenographer, Department of Community Medicine; and Barbara A. Woodard, assistant dean, College of Engineering and Applied Sciences.

Dr. Smolker, Ecologist, Dies

Dr. Robert E. Smolker, 62, associate professor of ecology and evolution, died April 4 at the University Hospital after suffering a heart attack.

Smolker was one of the early leaders in the American environmental movement. He was also one of the founders of the Environmental Defense Fund, a group of scientists and lawyers who used the legal system and scientific data to force pollutants off the market and to protect the environment. The small group was responsible for many accomplishments, most notably the banning of DDT.

Smolker joined the faculty two years after the University opened at the Planting Fields Arboretum in Oyster Bay. He was born in Cambridge, MA and graduated from Bates College, ME, with a B.S.; Boston College with a master's in biology; and University of Chicago with a Ph.D. in biology.

Dr. Smolker is survived by his wife, Rosemary, who is managing editor of the scholarly journal, *Quarterly Review of Biology*, published at Stony Brook; two sons, David and Michael; and a daughter, Rachel.

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Paid on Time? Thank Payroll

There's a common denominator among campus employees—we all receive a paycheck. But when was the last time you thought about the 31 people who draw their paycheck for preparing yours—the staff of the payroll office?

It was probably during the days leading up to the April 3 payday. When it became apparent that this year's budget would not be approved in time, legislators approved emergency measures to allow the state comptroller's office to release paychecks. By the time that happened, though, the chances of University employees getting paid on time seemed slim. (Or, as supervisor for University disbursements, Henry Robinson, recalled recently, "We didn't get the checks in time to process them in a relaxed manner.") But the payroll staff rose to the challenge, earning (among other expressions of thanks) a memo from President John H. Marburger titled, simply, "gratitude."

Effort above and beyond the call of duty, say payroll workers, is nothing new. "Everyone who works here knows that behind each document we process there is an individual who depends on income from the job," Robinson explained. "We don't feel we're just pushing paper."

But there is a great deal of paper to be pushed—more than 3,300 pieces of it each month, not including paychecks. Before checks arrive at Stony Brook from Albany, the payroll office wades through a variety of documents, including overtime reports; notices of promotions, leaves, new appointments and terminations; time and attendance sheets; and information on payroll deductions. In addition, there are forms that indicate which of the University's employees would like their checks deposited directly into a local bank.

"There's a great deal more to this office than just handing out checks," Robinson noted, though even that can sometimes seem like a herculean task. Before last pay period's 6,795 checks could be disbursed, they had to be sorted, verified (to ensure that names on checks match the list of employees who are supposed to receive them), and put in envelopes. "It's a big job," acknowledged senior payroll clerk Yolanda Capps, who supervises check preparation, "but we're like links in a chain. We all pull together to get it done."

Sometimes that takes a special effort, as in the case of the recently delayed budget. When it became apparent that a potential crisis was brewing, Robinson initiated a flurry of phone calls that got the checks on an earlier flight from Albany. Payroll staffers worked until 10:30 that night to have checks ready. The next morning it was business as usual.

"Our biggest problems are budgets and snowstorms," said payroll clerk Joan Collins, who recalled "more than one night when we stayed past midnight." Holidays also pose a special problem, because the state comptroller's office asks the SUNY campus payroll offices to move their work schedule ahead two days.

"The staff is very aware of the need to be flexible," Robinson pointed out. For Yolanda Capps, that once meant volunteering to fly to Albany in inclement weather in a small Piper Cub airplane (courtesy of Public Safety assistant director Herb Petty, who piloted the plane) to pick up checks that otherwise would have been late.

But besides the emergencies, there is the everyday pressure of making sure people get paid on time. "The stress is there," admitted Robinson. "We have to meet deadlines every two weeks. The paperwork alone is incredible."

As payday looms nearer, Yolanda Capps, Henry Robinson and Joan Collins (left to right) check yet another employee roster.



Photo by Vivian Rieger

"People want that check and expect it," added Collins. "They don't want to hear about your problems. After it's over you just kind of breathe a sigh of relief."

There are ways to cope with the strain. "Individuals in this office are given the opportunity by their supervisors to express ideas," said Robinson. "They can be very creative at times. It helps morale and improves our operation."

With \$137,489,566 disbursed over the past year (that's 223,538 checks and 55,383 pieces of paperwork) to a university still growing and adding employees, the payroll office needs all

the positive thinking it can summon up. But Robinson is confident his staff can meet the challenge.

"This is a cooperative effort, by 31 people who are not discouraged by the fact that their role at the University is not in the limelight," he said. "Even though they might not get widespread recognition, they get satisfaction from the fact that everyone always gets paid on time."

C O N N E C T I O N S

How can I appeal an on-campus parking ticket?

Those who would like to appeal the receipt of an on-campus parking ticket may follow the following procedure, outlined by hearing officer Grace Knapp:

Bring the ticket to the Hearing Office (Room 210, Administration Building) within seven days after you have received it. You will speak with a hearing officer, who will give you a decision at the end of your meeting with him/her. The nature of the parking violation will be considered along with your testimony.

You may also send a written appeal, following the instructions on the back of the ticket, to the Hearing Office. A written plea also must be filed within seven days.

If you are not satisfied with the decision made by the hearing officer, you may reappeal to the Traffic Appeals Board (an 11-member committee made up of faculty, staff and students). Prepare a written appeal and bring it (along with a copy of the ticket) to the Hearing Office. You will receive a letter notifying you when your hearing before the Board will take place.

You are not required to attend this hearing. If you do not, your case will be judged solely on the written material you present. If you do attend, you may plead your case verbally, draw diagrams, etc. (You also may be asked to respond to questions from the Appeals Board.) After the hearing has concluded, you will receive written notification of the Board's decision in approximately a week.

The Hearing Office is open weekdays from 9-11:30 a.m., 12:30-4 p.m.

Employees may submit questions to "Connections" by mailing them to: Editor, Campus Currents, 121 Central Hall 2760.

Stony Brook Authors, Editors Produce 82 Volumes in 1984

You would have to read more than six books a month to keep up with the 1984 writing and editing output of faculty members at Stony Brook.

Sixty-seven members were responsible for 82 volumes, ranging from popular fiction to medical textbooks. Among the ranks of these literary faculty were 24 authors, eight editors, 21 co-authors, 13 co-editors, two translators and a co-compiler.

Leif Sjoberg, professor of Scandinavian languages and literatures, headed the productivity list (as he did in 1983) along with Malcolm J. Bowman of the Marine Sciences Research Center.

Dr. Sjoberg served as co-translator for Gunnar Ekelof's *A Molna Elegy* and continued his work as Scandinavian Section editor of the Twayne's World Authors Series, turning out five volumes last year.

Dr. Bowman, associate professor of marine environmental studies, also accounted for six volumes, as editor of five and co-editor of one.

Many of the books are scholarly treatises. For example, Don H. Bialostosky, associate professor of English, is the author of a book (*Making Tales: The Poetics of Wordsworth's Narrative Experiments*) that refutes the judgment that Wordsworth's radical narrative experiments failed by discovering a poetics of speech.

Diane Barthel's book, titled *AMANA*, is a sociological history of a pietist sect. Her interest springs from her mother's upbringing in the sect called Amana, known to Americans primarily as the manufacturer of kitchen appliances.

Two of Stony Brook's distinguished professors have new volumes. Elof Axel Carlson, biochemistry, is the author of *Human Genetics* and Lewis Coser, sociology, is the author of *Refugee Scholars in America: Their Impact and Their Experience*.

Critical praise came for the novel *Fathers and Children*, by Judah L. Stampfer, professor of English, and for an examination of mass transit in the U.S. by Glenn Yago, assistant professor of sociology, called *The Decline of Transit*.

Among new editions of earlier volumes that received popular reception and critical acclaim is *Left Brain, Right Brain*, by Sally Springer and Georg Deutsch, both of Stony Brook's Department of Psychology.

All 67 authors and editors have been invited to submit their volumes for a display in the Administration Building Lobby this spring. A reception (an annual event) will be held April 30 for authors and editors of books and for the two dozen editors on campus of scholarly journals.

Village; author; results of archaeological project that investigated one of the earliest known agricultural villages found in southeastern Arizona; pub., Anthropological Field Studies, Arizona State University.

Biochemistry

Elof Axel Carlson: *Human Genetics*; author; deals with genetic basis of the human condition; intended for non-majors; pub., D.C. Heath and Co.

Chemistry

Paul Helquist: *Heterocyclic Synthesis: A Strategy-Oriented American Approach*; co-author, Frank W. Fowler, Stony Brook; pub., American Chemical Society.

Comparative Literature

Carol Lasker: *The Golden Magnet*; translator; portrays the rural exodus to the city and the necessity for social change in South Africa; pub., Three Continents Press.

Dentistry

Robert P. Renner: *Technologia Dentale—Teoria e Practica*; co-authors, Richard W. Blakeslee and Alexander Shiu, Stony Brook; dental laboratory procedures

of speech; pub., University of Chicago Press.

Susan Merrill Squier: *Women Writers and the City: Essays in Feminist Literary Criticism*; editor; collection of essays examining treatment of the city in literature by women; pub., University of Tennessee Press.

Judah L. Stampfer: *Fathers and Children*; author; novel of three generations moving from Bessarabia in Rumania to the Lower East Side; pub., Schocken Books.

Family Medicine

Richard I. Feinbloom: *Home Birth. A Practitioner's Guide to Birth Outside the Hospital*; co-author, Stanley E. Sagov, University Massachusetts; and Peggy Spindel and Archie Brodsky, Midwives Alliance; Guide to clinicians attending births outside of traditional hospital setting; pub. Aspen.

French and Italian

Mario B. Mignone: *Eduardo De Filippo*; author; drawing on extensive interviews with Italy's greatest living playwright, this chronologically arranged study surveys de Filippo's career; pub., Twayne Publishers, World Authors Series.

Germanic and Slavic Languages and Literatures

Edward J. Czerwinski: *The Mythmakers: An*

W. Glyn Jones: Tove Jansson; editor; Scandinavian Section; analysis of the children's books of one of the most widely read of all Scandinavian authors; pub., Twayne.

Harriman College

Pearl M. Kamer: *Crisis in Urban Public Finance*; author; develops a methodology for determining fiscal stress; pub., Praeger.

Hispanic Languages and Literature

Pedro Lastra: *Cuaderno de la doble vida* (poems); author; pub., Ediciones Del Camaleon.

History

David Burner: *The Torch Is Passed: The Kennedy Brothers and American Liberalism*; co-author, Tom West, Stony Brook; explains breakup of liberalism from internal tensions in 1960s; pub., Atheneum.

Richard F. Kuisel: *Le Capitalisme et l'Etat en France*; author; historical analysis of the role of the State in modernization of the French economy of the 20th century; pub., Editions Gallimard.

Bernard Semmel: *John Stuart Mill and the Pursuit of Virtue*; author; presents Mill as primarily an advocate of virtue, and not of material (and sensual) happiness, which is the way he is usually described; pub., Yale University Press.

Nancy J. Tomes: *A Generous Confidence; Thomas Story Kirkbride and the Art of Asylum-Keeping, 1840-1883*; author; social history of the 19th-century American mental hospital emphasizing the role of patients and their families in shaping psychiatric practice; pub., Cambridge University Press.

Library

Nathan Baum: *Library Research Guide to Psychology*; co-author, Nancy Douglas, University of California/Riverside; introduction to basic reference sources in psychology for students; pub., Pierian Press.

Irvin W. Kron: *Official Publications of the State of New York, 1974-1982: Guide to the Microfilm Collections*; co-compiler, Diane Eidelman, Stony Brook; guide to locate monographs and periodicals on the microfilm edition of the Checklist of Official Publications of the State of New York; pub., Research Publications.

Robert Lobou: *Wildlife Rehabilitation: A Guide to the Literature*; author; bibliography of literature about the rescue, treatment, rehabilitation and release of sick, injured, oiled or orphaned wildlife; pub. Tri-State Bird Rescue and Research, Inc.

Marine Sciences Research Center

Malcolm J. Bowman: *Ecology of Barnegat Bay, New Jersey*; editor; ecology is examined by specialists from academia, industry and government to point out anthropogenic problems common to this and many similar estuaries in the nation; pub., Springer-Verlag.

Osmoregulation in Estuarine and Marine Animals; editor; summarizes the progress made in understanding how the control of the body fluids is achieved in a wide range of estuarine and marine organisms; pub., Springer-Verlag.

Marine Phytoplankton and Productivity; editor; proceedings of a symposium on marine productivity; describes problems relating the abundance and activity of phytoplankton to environmental conditions; pub., Springer-Verlag.

Observations on the Ecology and Biology of Western Cape Cod Bay, Mass. ("Lecture Notes on Coastal and Estuarine Studies" series); editor; collection of papers describing ecology and biology of western Cape Cod Bay, Mass.; pub., Springer-Verlag.

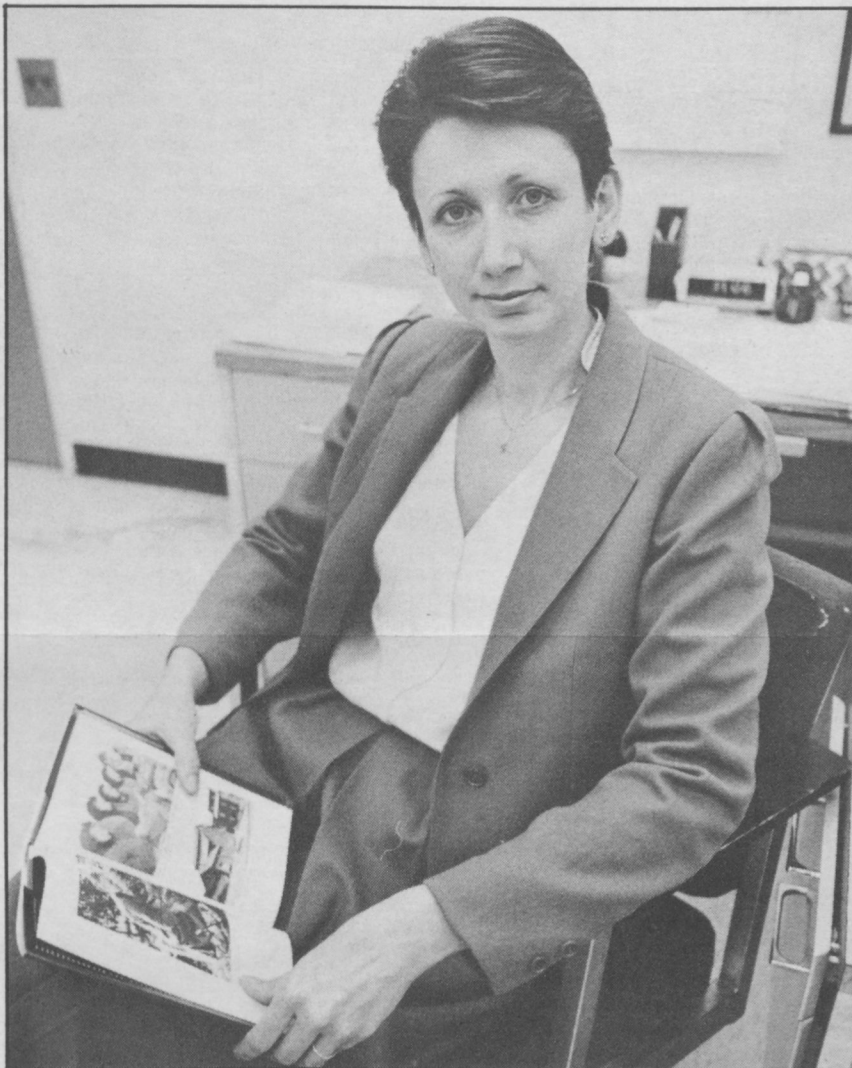
Effluent Transport and Diffusion Models for the Coastal Zone; co-editor, Akira Okubo, Stony Brook; summarizes the present modelling capability for simulations of the effluent transport and dispersion in coastal zones; pub., Springer-Verlag.

Fishery Management; editor; all aspects of fishery management and gives a series of case histories to illustrate success and failures of fishery research and management in the U.S. and in international fisheries; pub., Springer-Verlag.

J.L. McHugh: *Fishery Management*; author; textbook on principles of management, emphasizing the political, economic and scientific aspects; pub., Springer-Verlag.

Materials Science and Engineering

Clive R. Clayton: *Ion Implantation and Ion Beam Processing of Materials*; co-editors, G.K. Hubler, Naval Res. Lab., Washington, D.C., and C.W. White and O.W. Holland, Oak Ridge National Lab.; proceedings of a four-day symposium on Ion Beam



Author Diane Barthel's book chronicles *Amana* sect.

necessary to fabricate dental prostheses; pub., Scienze e Tecnica Dentistica Edizioni Internazionali.

Rehabilitation del Desdentado Parcial; co-author, Louis J. Boucher, Stony Brook; textbook for the treatment of the partially edentulous; pub., Interamericana S.A. de C.V., Mexico.

Earth and Space Sciences

Gilbert N. Hanson: *Archaean Geochemistry*; co-editors, A. Kroner, Universitat Mainz (West Germany), and A.M. Goodwin, University of Toronto; final report of IGCP Project No. 92 on Archaean Geochemistry; pub., Springer-Verlag.

Ecology and Evolution

Len R. Ginzburg: *Lectures in Theoretical Population Biology*; co-author, Edwar Golenberg, University of Haifa (Israel); undergraduate text based on lectures over the last seven years at Stony Brook; pub., Prentice-Hall.

Electrical Engineering

Chi Tsong Chen: *Linear System Theory and Design*; author; graduate textbook on the topic area in the U.S. and abroad; pub., Holt, Rinehart & Winston.

English

Don H. Bialostosky: *Making Tales: The Poetics of Wordsworth's Narrative Experiments*; author; refutes the judgment that Wordsworth's radical narrative experiments failed by discovering a poetics

Anthology of Contemporary Yugoslav Short Stories; co-author, Mario Susko, University of Sarajevo (Yugoslavia); collection of Yugoslav short stories; pub. Slavic Cultural Center Press.

Andreas R. Mielke: *Zeitgenosse Bonaventura*; author; the "nihilist" Bonaventura, the anonymous author of the *Nachtwachen* (1804), has been identified a dozen times and more, and with perhaps one exception all scholarly identifications are wrong: Bonaventura remains an enigma; pub., Akademischer Verlag Heinz.

Leif Sjoberg: *Gunnar Ekelof: A Molna Elegy, I-II, Swedish & English*; co-translator, (the late) Muriel Rukeyser, Sarah Lawrence College; explores the relativity of time and time experience; pub., Unicorn Press.

Paul Schach: *Icelandic Sagas*; editor; Scandinavian section, Twayne's World Authors Series—Icelandic sagas; discusses the major forms of these prose narratives; pub., Twayne.

Harald Naess: *Knut Samsun*; editor; Scandinavian Section, Twayne's World Authors Series; presentation and analysis of the works of the Norwegian Nobel Prize winner of 1920, Knut Hamsun; pub., Twayne.

Sven H. Rossel: *Johannes V. Jensen*; editor; Scandinavian Section; monograph on the most prolific Danish author of the 20th century, winner of the Nobel Prize in Literature in 1944; pub., Twayne.

Vivi Edstrom: *Selma Lagerlof*; editor; Scandinavian Section; discussion of Nobel Prize winner's narratives, literary language and her mythic landscapes; pub., Twayne.

Anatomical Sciences

Norman Creel: *The Lesser Apes. Evolutionary and Behavioral Biology*; co-editor, Holger Preuschoft, David Chivers, Warren Brockelman; invited contributions on gibbon conservation, functional morphology, ecology, social behavior and evolutionary biology; pub., Edinburgh University Press.

Leland N. Edmunds, Jr.: *Cell Cycle Clocks*; editor, emphasizes timing devices thought to form the basis for cell division cycle control; pub., Marcel Dekker.

Randall L. Susman: *The Pygmy Chimpanzee. Evolutionary Biology and Behavior*; editor; pub., Plenum Press.

Anthropology

David Hicks: *A Maternal Religion: The Role of Women in Tetum Myth and Ritual*; author; position of women in the religious lives of people living on the Indonesian Island of Timor; pub., Northern Illinois University.

Kent G. Lightfoot: *Prehistoric Political Dynamics: A Case Study from the American Southwest*; author; examines the development of social stratification and the rise of powerful political leaders among the Pueblo Indians; pub., Northern Illinois University Press.

The Duncan Project: A Study of the Occupation, Duration and Settlement Pattern of an Early Mogollon Pithouse

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processing of materials; pub., North-Holland.

Fundamental Aspects of Corrosion Protection by Surface Modification; co-editor, E. McCafferty, Naval Res. Lab., Washington, D.C., and J. Oudar, Université Pierre & Marie Curie, Paris; proceedings of the first International Symposium co-sponsored by the Corrosion Division of the Electrochemical Society and the European Federation of Corrosion; pub., Electrochemical Society.

Herbert Herman: *Edited Series: Treatise on Materials Science and Technology*; editor; a review series on materials science; pub., Academic Press.

Mathematics

Paul G. Kumpel: *Elementary Linear Algebra*; co-author, John A. Thorpe, Stony Brook; pub., Saunders College Publishing.

John A. Thorpe: *Elementary Linear Algebra*; co-author, Paul G. Kumpel, Stony Brook; Text for a first course in linear algebra; pub., Saunders College Publishing.

Mechanical Engineering

Thomas F. Irvine, Jr.: *Steam and Gas Tables with Computer Equations*; co-authors, Peter E. Liley, Purdue University; valuable resource for computerized design of heat transfer equipment; pub., Academic Press.

Medicine

Daniel M. Fox: *Illustrated Catalogue of the Slide Archive of Historical Medical Photographs at Stony Brook*; co-editors, R.D. Apple, J. Walzer Leavitt, M.S. Pernick and G.B. Risse, Universities of Wisconsin and Michigan; 3000+ photographs printed and described and are accessible through seven indices; pub., Greenwood Press.

Microbiology

Charles W. Kim: *Microbiology*; author; updated review of Medical Microbiology to prepare medical students for National Board and other medical graduates for licensing exams; pub., Medical Examination Publishing Co. Inc., Excerpta Medica Company.

Basic Sciences; author; updated review book of Basic Sciences designed to prepare medical students for National Board and other medical graduates for licensing exams; pub. Medical Examination Publishing Co., Inc., Excerpta Medica Company.

Nursing

Carole L. Blair: *Nursing Assessment: Interview Principles, Procedures and Assessment Tools, Series 2, Prenatal Care, Module 9*; author; assessing pregnant women and identifying those of high risk; pub., March of Dimes Birth Defects Foundation.

Rose Meyers: *Nursing Assessment: Interview Principles, Procedures and Tools*; co-author, Carole L. Blair, Stony Brook; to provide the nurse with knowledge base necessary to interview pregnant women to obtain data needed for accurate prenatal assessment; pub., March of Dimes Birth Defects Foundation.

Pharmacological Sciences

Adrien Albert: *Selective Toxicity; The Physico-Chemical Basis for Therapy*; author; describes ways that drugs, agricultural agents and other chemical substances work at molecular level; pub., Chapman & Hall.

The Determination of Ionization Constants; A Laboratory Manual; co-author, E.P. Sergeant, University of South Wales; designed for scientists who need to determine an ionization constant; pub., Chapman & Hall.

Philosophy

Antonio T. deNicolas: *Teresa: A Woman; A Biography of Teresa de Avila*; co-editor, Elias Rivers, Stony Brook; first full-scale biography of Saint Teresa of Avila from a human, nondenominational perspective; pub., SUNY Press.

V. Tejera: *History as a Human Science*; author; pub., University Press of America.

The City-State Foundations of Western Political Thought; author; pub., University Press of America.

Plato's Dialogues One by One; author; pub., Irvington Publishers.

Physics

Thomas T.S. Kuo: *Nucleon-Nucleon Interaction and Nuclear Many-Body Problems*; co-editor, S.S. Wu, Stony Brook; proceedings of the International Summer School on nucleon-nucleon interaction and nuclear many-body problems held in Changchun, China (July 1983); pub., World Scientific (Singapore); Taylor and Francis.

Peter an Nieuwenhuizen: *Sypersymmetry and Supergravity '84*; co-editor; pub., World Publishing Co.

Political Science

Alan I. Abramowitz: *Nomination Politics: Party Activists and Presidential Choice*; co-author, Walter J. Stone, University of Colorado; examines the party activists in the 1980 Democratic and Republican presidential nominations; pub., Praeger.

Yassin El-Ayouty: *The Organization of African Unity After Twenty Years*; co-editor, T. William Zartman, Johns Hopkins University; evolution of OAU over two decades from various perspectives and their reflection of contemporary African Politics; pub., Praeger.

James Enelow: *The Spatial Theory of Voting: An Introduction*; co-author, Melvin Hinich, University of Texas/Austin; introduces a mathematical approach to studying elections and committee voting; pub., Cambridge University Press.

Lee E. Koppelman: *Time Saver Standards for Site Planning*; co-author, Joseph De Chiara, A.I.A.; basic reference source on site planning and land development; pub., McGraw-Hill, Inc.

Psychology

Robert M. Liebert: *Bedwetting*; co-author, A.C. Hovts; pub., Charles C. Thomas.

The Child; co-author, J.R. Harris; pub., Prentice-Hall.

K. Daniel O'Leary: *Mommy, I Can't Sit Still—Coping with the Hyperactive and Hyperaggressive Child*; author; pub., New Horizon Press Publishers.

Sally Springer: *Left Brain, Right Brain*; (revised edition); co-author, Georg Deutsch, Stony Brook; pub., W.H. Freeman.

Grover J. Whitehurst: *Annals of Child Development*; editor; annual series of scholarly review chapters on research in child development; pub., JAI Press.

Radiology

Harold L. Atkins: *Pulmonary Nuclear Medicine*; editor; methods and techniques in clinical evaluation of pulmonary diseases using radionuclides; pub., Marcel Dekker, Inc.

Social Welfare

Marcia Abramson: *Social World and Terminal Care*; co-editor, Lee H. Suszycki, Presbyterian Hospital, New York City; papers by social work practitioners, educators and administrators concerning new developments in thanatology; pub., Praeger.

Sociology

Paul Attewell: *Radical Political Economy Since the Sixties: A Sociology of Knowledge Analysis*; author; study of left-wing scholarship in areas such as labor markets, changes in technology and the labor process, theories of economic crisis, dependency theory; pub., Rutgers University Press.

Diane Barthel: *AMANA: From Pietist Sect to American Community*; author; significant of Amana's evolution from commune to corporation to transformations in the broader society; pub., University of Nebraska Press.

Lewis A. Coser: *Refugee Scholars in America: Their Impact and Their Experience*; author; Pen Portraits of some 50 major refugee scholars in the social sciences and in the humanities; pub., Yale University Press.

Erich Goode: *Sociology*; author; basic introductory textbook in the field of

sociology; pub., Prentice-Hall.

Deviant Behavior (second edition); author; middle-level text introducing students to sociology and deviance; pub., Prentice-Hall.

Drugs in American Society (second edition); author; overview of subject from a sociological perspective (used mainly in classroom); pub., Alfred Knopf.

Judith M. Tanur: *Cognitive Aspects of Survey Methodology: Building a Bridge Between Disciplines*; co-editors, Thomas Jabine and Miron Straf, Committee on National Statistics, and Roger Tourangeau, National Opinion Research Center; report of an advanced research seminar on cognitive aspects of survey methodology; pub., National Academy Press.

Glenn Yago: *The Decline of Transit*; author; current weakness of mass transit in America, the challenge to accustomed means of travel posed by the energy crunch, the severe fiscal crisis of transit; pub., Cambridge University Press.

Graham B. Spanier: *Parting: The Aftermath of Separation and Divorce*; co-author, Linda Thompson; Virginia Polytechnic Institute and State University; unravels the process of marital breakup; pub., Sage.

Recycling the Family: Remarriage After Divorce; co-author, Frank F. Furstenberg, Jr.; University of Pennsylvania; examines social, psychological and economic aspects of adjustment unique to the divorce-remarriage transition; pub., Sage.

The Child in the Family; co-authors, Jay Belsky and Richard M. Lerner, Pennsylvania State University; summarizes current understanding about the nature of the family, the child and parent-child relations; pub., Addison Wesley.

Special Education

Barbara Baskin: *More Notes from a Different Drummer*; co-author, Karen Harris, University of New Orleans; guide to juvenile fiction portraying the disabled, vol. 2 covering the years 1976 to 1981; pub., R.R. Bowker.

Surgery

Felix T. Rapaport: *Angioaccess—Principles and Practice*; co-editor, Wayne C. Waltzer, Stony Brook; an overview of the early background and requirements that led to surgical construction of a subcutaneous access route to the host's circulation; pub., Grune & Stratton, Inc.

Theatre Arts

Jonathan F. Levy: *Creative Drama in a Developmental Context*; co-author (Prof. Levy indicates many co-authors); the outcome of several interdisciplinary conferences on children and the Theatre; pub., University Press of America.

EVENTS

Campus Currents lists events of general, campus-wide interest. Submissions may be sent to: Editor, Campus Currents, 121 Central Hall 2760.

• MONDAY, APRIL 29

LECTURE: "The Aesthetic of Johann Sebastian Bach," Joseph Kerman, University of California at Berkeley. Fine Arts Center Recital Hall, 8 p.m.

• WEDNESDAY, MAY 1

DISCUSSION: "The Place of Mathematics in the Social and Life Sciences," Michel Balinski (moderator), applied mathematics and statistics; Jed Furman, MSRC; Irwin Kra, mathematics; Robert Rosenthal, economics; Hanan Selvin, sociology. Part of the Dean's Conversations Among the Disciplines series. Frank Melville, Jr. Memorial Library, Room E2340 (second floor), 7-10 p.m. A reception will follow. Reservations are required for discussion and reception; for more information, call Nancy Davies at 246-6750.

FILM: *A New Spirit of Painting* (there will also be a lecture by Donald Kuspit, SUSB). Fine Arts Center Art

Gallery, 12 noon. (This event has been rescheduled from its original April 10 date.)

• FRIDAY, MAY 3

ASTRONOMY: Lecture by Robert Warasila, SUSB, "Meteors and Meteorites: Extraterrestrial Visitors" (part of the Astronomy Open House Night Series). ESS Lecture Hall 001, 8 p.m. The Museum of Long Island Natural Sciences and Earth and Space Sciences Library will be open to the public free of charge during lecture (also free of charge). After the lecture there will be a viewing session with the University's small telescopes (weather permitting).

LECTURE: "Workstations for teaching and research" (a talk on computer workstations in the university community), Andries van Dam, Brown University. Jacob K. Javits Lecture Center, 3:30 p.m. Open to the public free of charge. There will be a reception preceding the lecture, Lab Office Building Room 1211, 3 p.m.

• FRIDAY, MAY 3-SUNDAY, MAY 19
EXHIBIT: "SENIOR SHOW '86." Fine Arts Center Art Gallery, weekdays 1-5 p.m. and evenings prior to Fine Arts Center Main Stage performances. No charge for admission.

• SUNDAY, MAY 5

MUSIC: University Chorus, Chamber



Andras Schiff

Singers and Camarata. Fine Arts Center Main Stage, 8 p.m. Free of charge.

• WEDNESDAY, MAY 8

MORE MUSIC: University Concert Band. Fine Arts Center Main Stage, 8 p.m. Tickets at Fine Arts Center Box Office, general admission \$3, SUSB students and senior citizens, \$1.