

Long-Term Drug Effects

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elsewhere has already suggested that methadone withdrawal is harder on addict infants than heroin or morphine withdrawal.

"Reserpine, an antihypertensive drug once widely prescribed for pregnant women in the United States and still given to expectant mothers in other countries, seems to create a hyperactivity among nerve cells responsible for maintaining the cardiovascular system," the scientist said.

More Research Needed

Slotkin admitted the temptation is great to assume that results in animal studies can be applied to humans, but he cautioned that that is not always true, and much more basic research has to be done before the jump can be made.

He cited thalidomide, the drug that caused so many birth defects in England in the late 1950s, as an example of a compound having an entirely different effect in humans than it had on animals.

"One of the problems we face at this point is that, except at a very rudimentary level, we don't even

know exactly what the relationship is between biochemistry and normal behavior," Slotkin said.

Long Range Effects

"So it is difficult to say how an altered biochemistry is going to alter behavior and health in the long run. A drug like thalidomide which causes gross abnormalities is quickly weeded out, but with other drugs the changes may be much more subtle," the scientist explained.

"What we have seen in rats at the very least leads us to believe someone should start examining the long range effects of prenatal exposure to alcohol and drugs in humans."

Slotkin said Dr. Saul Schanberg, professor of physiology and pharmacology, and Dr. Pushpa Thadani, a post-doctoral fellow, collaborated with him in the alcohol research. Dr. Jorge Bartolome, a former post-doctoral fellow, helped with the reserpine studies.

Grants from the North Carolina Alcoholism Research Authority, the American Heart Association, the National Institute on Drug Abuse and the National Institute on Child Health and Human Development have supported the continuing investigations, Slotkin said.



EXCHANGING APPROPRIATE GIFTS—When representatives of the Medical Development Center of Japan visited the medical center recently, they exchanged gifts with Dr. William G. Anlyan, vice president for health affairs. The presentations took place at a luncheon given by Anlyan. Dr. John A.D. Cooper, president of the Association of American Medical Colleges, also attended the luncheon. Pictured, left to right, are Dr. Tomoyuki Kitazawa, Tokyo; Anlyan; Cooper; Sandra Leone (partially hidden), Vancouver; Dr. Roland Huang, Vancouver; and Dr. Koichi Ujita, Tokyo. (Photo by John Becton)

Professional News

Several members of the Division of Orthopaedic Surgery presented papers at the annual meetings of the American Society for Surgery of the Hand, The Hip Society, American Academy of Sports Medicine and American Academy of Orthopaedic Surgeons.

These included Dr. J. Leonard Goldner, professor; Dr. Donald E. McCollum, professor; and Drs. Lee Whitehurst, Thomas Loeb, John Shaffer, William Moorefield, James Schwartz and William Goodman, house staff.

Dr. James Urbanik, associate professor, and Dr. Donald Bright, assistant professor presented their movie on "Replantation." Bright also presented a paper.

The meetings were held in Las Vegas, Jan. 31-Feb. 8.

Others attending were Dr. Robert Ruderman, assistant professor, and Drs. David Dalton, Frank Gray and Thomas Nipper, house staff.

Dr. M. Bruce Shields, assistant professor of ophthalmology, was program director for a Glaucoma Surgery Workshop presented by the Veterans Administration and the Eye Center, Feb. 10-12.

The final day of the workshop was Clinical Ground Rounds, sponsored by the Eye Center and directed by Dr. Maurice B. Landers III, professor.

Other faculty members participating on the program were Dr. Joseph A. C.

Wadsworth, professor and chairman of the Department of Ophthalmology; Dr. W. Banks Anderson Jr., professor; and Dr. John W. Reed, associate professor.

Earlier in the year, Shields was inducted as a charter member of the International Glaucoma Congress.

Landers attended the Vitreous Surgery Seminar in Vale, Colo., Feb. 26-March 5, and presented a paper on "Retinal Oxygenation Via the Choroidal Circulation."

Dr. J. David Robertson, James B. Duke professor and chairman of the Department of Anatomy, was invited speaker for the Southeast Electron Microscopy Symposium in New Orleans, La., Feb. 3-5. He was invited speaker at the New York Society of Electron Microscopists' meeting at New York University Medical Center, Feb. 8, and was co-chairman of a scientific session at the Annual Biophysical Society meeting in New Orleans, Feb. 15-18.

Dr. Robert McLelland, associate professor of radiology, was a lecturer at the General Radiology Refresher Course in Dallas, Texas, Feb. 9-12, and at the Conventional Radiology and Special Procedures meeting in Puerto Rico, Feb. 20-25.

He spoke on "Radiology of the Upper Urinary Tract Trauma" at a meeting on Radiological Evaluation of Trauma, sponsored by the N.C. Chapter of the

American College of Radiology at Charlotte Memorial Hospital, Feb. 26-27.

McLelland was also a guest faculty member at the 16th annual National Conference on Breast Cancer Detection and Treatment in Houston, Texas, March 13-18.

Dr. R. Herbert Wiebe, assistant professor of obstetrics and gynecology, was lecturer at the Obstetrical and Gynecological Group in Hickory, N.C., Feb. 16.

Dr. Dorothy E. Naumann, director of student health, attended the annual meeting of the Southern College Health Association, March 10-12, at Mississippi State University. She will be president-elect and program chairman of the association for 1978.

Dr. Evan A. Evans, associate professor of biomedical engineering, presented a lecture for the Biorheology Symposium at the annual meeting of the Society of Rheology, March 1, in New York City.

Glen Smiley To Join Baylor

Glen Smiley, assistant director of development at the medical center since 1973, will become associate director of the Baylor University Medical Center in Dallas, April 18.

Smiley, a 1970 Duke graduate in political science who earned three varsity letters in basketball, also has been a radio and TV sports commentator for regional games and has been the public address announcer for Duke's home football games in recent years.

At Baylor he will be responsible primarily for fund raising at the Dallas medical center, which includes several schools in the health sciences, a number of research centers and five hospitals totaling 1,300 beds. The Baylor medical school is in Houston and Baylor University is in Waco.

Prior to joining the Duke development staff, the Bozeman, Mont., native worked in the annual giving program for Duke's Department of Alumni Affairs.

Debate on Display

Trophies, medals, pictures, programs and past *Chanticleers* tell the "History of Duke Debate" in a display in the Exhibit Hall of the Perkins Library.

Materials include letters from the Duke presidential papers detailing a 1954 episode in which Duke received national attention in a fight for freedom of speech.

Among prominent debate alumni featured are Carl Stewart, now Speaker of the N.C. House of Representatives, and Stan Lundine, now a New York Congressman. Most of the materials are from the Duke University Archives.

The exhibit was planned before the death of Prof. Joseph Wetherby as a tribute to his 30 years of service to Duke debate. The display was planned and carried out largely by Craig Merritt debater and a member of the class of 1977.

Get Ahead with Continuing Ed.

Courses for personal enrichment and professional advancement will be offered by Continuing Education beginning the week of April 11.

"Late Baroque Music for the Organ," taught by Fenner Douglass, university organist, and using the new Flentrop Organ in the Chapel, highlights the liberal arts courses.

Also available are "The Socratic Circle: More American Short Stories," "The Political Novel," "Soundscape - A Basic Audio Workshop" and "Ancient Civilizations of Mexico and Central America."

A "Public Speaking Clinic" leads the professional advancement courses. Others are a "Life Planning

Workshop for Women," a "Values Clarification Seminar," "Assertive Behavior" classes, a "Back to School" workshop and a series of "How-to Workshops" for job seekers and career switchers.

Three conferences will be sponsored: "New Ways to Work," "Women Alone" and "Law Day for Women: By Lawyers, for Laypersons."

Stagville Preservation Center will jointly conduct two courses: introductory lectures and a tour and a course on "North Carolina Architectural Styles."

For more information call 684-6259 or write Continuing Education, 107 Bivins.



GLEN SMILEY