



GREEN ACRES: DHMC became the first U.S. hospital to measure its ecological footprint (an estimated 13.8 acres per full-time staffer), after recycling manager John Leigh developed a spreadsheet-style analysis tool, thanks to a grant from the Maverick Lloyd Foundation.

THEN & NOW

A reminder of the pace of change, and of timeless truths, from the 1957-58 DMS Bulletin:

The first-year course in Human Histology is “devoted to the microscopy of the cells, tissues, and organs of the human body. . . . Each student is provided with a 300-slide loan collection containing material from all parts of the body. . . . In addition to the student sets, there is available a collection of many thousand slides of human and other vertebrate specimens which are used for demonstration.”



150

Number of slides per student in 2008-09—plus numerous “virtual microscopy” slides available on the web

139

Hours in the 1957-58 course

74

Hours in the equivalent course in 2008-09

Film chronicles the impact of chronic illness

Dr. James Filiano could take samples of skin and blood and other bodily fluids from Samuel Habib, and then have them analyzed for clues as to what was causing the little boy’s cerebral palsy.

He could recommend ways to regulate Samuel’s metabolism and refer him to other specialists who could prescribe treatments for complications of the condition—complications that forced Samuel to return again and again to the Children’s Hospital at Dartmouth (CHaD).

But Filiano, a pediatric neurologist at Dartmouth, couldn’t give Samuel’s parents a clear idea of what was causing the disconnect between the youngster’s brain and his muscles. Nor a cure. Nor a crystal ball to see into Samuel’s—or his family’s—future.

Filiano could, however, offer an idea to Samuel’s father, Dan Habib, then the award-winning photography editor of the Concord, N.H., *Monitor*. The suggestion came near the end of another long siege at CHaD for then-four-year-old Samuel; that stay was due to pneumonia following a tonsillectomy.

Share: “He said, ‘Maybe you should document this,’” Dan Habib remembers Filiano suggesting. “‘Maybe you should take your background and share what it’s like to have a child with a chronic condition.’”

“At [that] point, I was just thinking about, ‘How do I get through this day?’” Habib continues. “But it gave me an idea of

something constructive. It was cathartic. It was something I could do.”

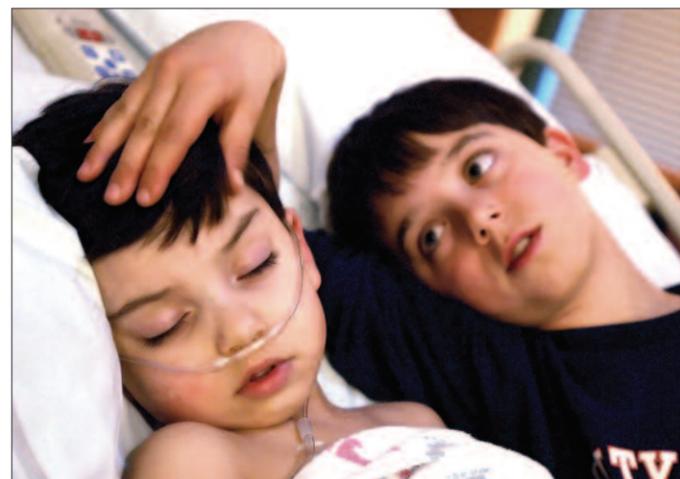
More than four years—and a new job—later, Habib is now touring the region and the nation with his 58-minute documentary film, *Including Samuel*, sharing it with students, educators, and health-care professionals. Now the filmmaker-in-residence at the University of New Hampshire’s Institute on Disability, Habib is scheduled to show the film in April to medical students, nursing students, and residents from around the Dartmouth-Hitchcock system and to lead a discussion after the screening.

Footage: The film, which includes Habib’s still photos as well as video footage, covers the ef-

forts of Habib; his wife, Betsy; and their older son, Isaiah, to carve out a life for Samuel—and themselves—within the Concord school system and the community at large.

Efforts: Habib also interviewed four other New Hampshire residents with physical and developmental disabilities and mental-health problems, documenting their struggles and the efforts of their families to find them a place in society.

Although the film focuses more on the educational system than on Samuel’s hospital stays, doctor’s appointments, and at-home treatments, medical professionals can learn a lot from it, according to Dr. Pamela Hofley, a pediatric gastroenterologist who treats Samuel at Dartmouth-Hitchcock Manchester. She says her children saw the



Isaiah Habib (right), then 7 years old, comforts his brother, Samuel, then 4, in the intensive care unit at the Children’s Hospital at Dartmouth. Samuel had just come out of a medically induced coma following a bout of pneumonia after complications from a tonsillectomy. The scene is from a film about the impact of chronic illness.

DAN HABIB (WWW.INCLUDINGSAMUEL.COM)

PAPER TRAIL: Research from DMS’s Department of Pathology was ranked among the top 10% in the world by the U.S. and Canadian Academy of Pathology, based on the number of papers accepted for presentation at the organization’s annual meeting.



film at their junior high school.

And “it’s a good thing for medical students, nursing students to see,” Hofley adds. It helps health-care professionals to have “a sense of what is it like to have a child like this in your home . . . to see the child outside of the office environment.”

She says that in her practice, she more often sees children from troubled backgrounds than from stable, middle-class families such as Samuel’s. Nevertheless, she notes, “the film is good about showing that families like the Habibs really struggle, too.” (For additional information about the film, as well as about upcoming screenings and discussions, see www.includingsamuel.com.)

Dan Habib credits DHMC caregivers like Filiano and Hofley with looking at Samuel and his family as more than a set of symptoms or an interesting case study. “We’ve had some great experiences with the Dartmouth system,” Habib says. “We feel welcome and supported.”

Future: And they continue to need that support as Samuel approaches age 9—and an uncertain future. “We will never stop looking for ways to keep Samuel healthy,” Habib says. “As we do so, Dr. Filiano is just like a dog with a bone and will not let go until he figures out what’s going on. At the same time, he’s a very spiritual person. He understands the idea of living every day. As a human being, he’s really helped us come to terms with this.

“It’s a matter,” Habib observes, “of, ‘You should just enjoy what you have right now.’”

DAVID CORRIVEAU

Worthy of note: Honors, awards, appointments, etc.

Peter Wright, M.D., a professor of pediatrics, was named chair of the World Health Organization’s Polio Data and Safety Monitoring Board. He previously chaired the WHO Steering Committee for Measles, Polio, and Acute Respiratory Illness and served on the WHO Steering Committee for Epidemiology and Clinical Trials and the Polio Research Committee.

James Weinstein, D.O., a professor of orthopaedic surgery and director of the Dartmouth Institute for Health Policy and Clinical Practice, was named the Outstanding Physician in Practice by DMAA: The Care Continuum Alliance (formerly the Disease Management Association of America) for his achievements in population-based care.

John Modlin, M.D., chair of the Department of Pediatrics, was appointed chair of the FDA Vaccines and Related Biological Products Advisory Committee.

William Edwards, M.D., a professor of pediatrics, was named a national director of the Vermont-Oxford Network of neonatology research programs.

Robert Drake, M.D., Ph.D., the Andrew Thomson Professor of Psychiatry, received the American Psychiatric Foundation’s

2008 Alexander Gralnick Award in recognition of his research on schizophrenia.

Jay Dunlap, Ph.D., chair of the Department of Genetics, received the Genetics Society of America’s 2009 George W. Beadle Award for his contributions to genetics research.

Richard Rothstein, M.D., a professor of medicine and chief of the Section of Gastroenterology, and **James Weinstein**, D.O., a professor of orthopaedic surgery, were ranked among the top five physicians in the Northeast in their respective specialties in the “America’s Top Doctors for Women” issue of *Women’s Health* magazine.

William A. Nelson, Ph.D., an associate professor of psychiatry, received the COMISS Medal for his contributions to health-care ethics scholarship, teaching, and advocacy. The COMISS Network was formerly known as the Council on Ministry in Specialized Settings.

John Hwa, Ph.D., an associate professor of pharmacology and toxicology, was the inaugural recipient of a special American Heart Association award for research on cardiovascular disease.

Pamela Jenkins, M.D., Ph.D., an associate professor of pediatrics, was named a Fulbright Scholar; she will work on quality improvement at St. John’s Medical College in Bangalore, India.

Arti Gaur, Ph.D., a research assistant professor of pediatrics, was granted the National Brain Tumor Society’s 2008 Daniel Paul Bogart Chair of Research.

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THEN & NOW

A reminder of the pace of change, and of timeless truths, from the Spring 1979 issue of this magazine:

In a feature on the effects of seasonal change on the human psyche, Dr. Peter Whybrow, a professor of psychiatry, wrote: “It is in our study of the brain and nervous system that an awareness of the rhythmic nature of many behavior patterns may bear the greatest fruit. . . . Disturbances of these sensitive mechanisms of integration and communication are thought to underlie most serious mental illnesses. . . . There seems to be a peak in the incidence of these illnesses in the spring.”



10,510

Number of outpatient psychiatric visits in 1979

38,293

Number of outpatient psychiatric visits in 2007