A LEGACY IN BIOSCIENCE

Celebrating the Mt. Sinai Scholars Program

TABLE OF CONTENTS

A CELEBRATION OF SCHOLARS

The Mt. Sinai Health Care Foundation Scholars Program

The Mt. Sinai Health Care Foundation Scholars Program has assisted the Case School of Medicine attract young, highly promising research stars in order to build its basic science departments, the building blocks of great medical schools like Case. The Foundation's $3 million investment has already leveraged more than $10 million in grants from the National Institutes of Health. Scholars have relocated to Cleveland from renowned medical training grounds such as Harvard, Stanford, Cornell, Washington University, and University of Washington, Seattle.

A SEED PLANTED

JUNE 6, 1915. VISIONARY CLEVELANDERS PLANT A SEED. THE CORNERSTONE IS LAID FOR THE NEW MT. SINAI HOSPITAL. INTO THAT CORNERSTONE THE FOUNDERS PLACE A TIME CAPSULE FILLED WITH PAPERS THAT DOCUMENT THEIR BEST HOPES FOR THE NEW HOSPITAL. IT WILL BECOME THE PRIDE OF THE JEWISH COMMUNITY. IT WILL BE A SAFETY-NET HOSPITAL FOR CLEVELAND'S POOR. IT WILL DEVELOP INTO A NATIONALLY KNOWN TEACHING HOSPITAL.

FEBRUARY 16, 2006. CONSTRUCTION WORKERS UNEARTH THAT TIME CAPSULE. THE SEED THAT WAS PLANTED MORE THAN 90 YEARS AGO CONTINUES TO GROW, ITS BRANCHES NOW REACHING OUT FAR AND WIDE INTO THE SURROUNDING COMMUNITY. TODAY, IN PROGRAMS LIKE THE MT. SINAI HEALTH CARE FOUNDATION SCHOLARS PROGRAM, THE MT. SINAI LEGACY LIVES ON.

See time capsule photo on inside back cover.

REPORT ON STEWARDSHIP

Mitchell Balk and Bennett Yanowitz

Dear Friends:
For The Mt. Sinai Health Care Foundation, 2005 began with the announcement of new grantmaking guidelines that honor the legacy of The Mt. Sinai Medical Center and enable the Foundation to further align its health grantmaking with the documented needs of the community. In addition to dispersing $5.8 million in 2005 to support programs in the following areas, we have meaningful progress to report with regard to several strategic initiatives.

Health of the Jewish Community
The Jewish community is our founding constituency, and so the health of the Jewish community remains a critical concern of the Foundation. In 2005, the Foundation provided $1,400,000 to the Jewish Community Federation's Campaign for Jewish Needs. This substantial contribution is reflective of our Foundation/Federation partnership which is uniquely strong in the nation. In addition, the Foundation also made a commitment of $5 million to the Centennial Initiative for Jewish Cleveland to be used for health-related projects identified by the community.

Health of the Urban Community
Throughout the twentieth century, Mt. Sinai was an important safety net hospital for the poor; the Foundation which bears its name continues to embrace the critical value of serving where the need is greatest by improving the health of the urban community. One of our vanguard efforts in this area was the establishment in 2000 of the Greater Cleveland Health Education and Service Council (GCHESC), whose founding president Joyce Lee had developed and run myriad community outreach programs as a nurse practitioner and administrative officer at The Mt. Sinai Medical Center. Mrs. Lee, who retired in 2005, was so successful during her tenure that the GCHESC has been able to garner ample national grant awards over the five years since its founding, including having become a direct grantee of the Robert Wood Johnson Foundation, the nation's largest health care grantor. This represents the stable maturation of an organization that has come into its own, continuing to grow and maintain its position as the leading minority health advocate in Ohio.

Health Policy
Because government is the largest payor of health services, especially for populations at risk, including children, the elderly and the poor, another pillar of current grantmaking is health policy. A partnership with the public sector is also playing a role in allowing seniors in Cuyahoga County to remain in their communities and live independently for as long as possible. We are delighted to report progress on the Senior Transportation Connection (STC) of Cuyahoga County, the new non-profit organization responsible for the point-to-point senior transportation system designed to work in partnership with the RTA. The organization, which the Foundation helped create, has installed its board of trustees, on which Foundation President Mitchell Balk currently serves as treasurer and represents the project's foundation funders. The commitment of county government to this important initiative can be seen in Cuyahoga County Commissioner Tim Hagan's willingness to chair the board of the STC. The organization has secured two federal earmarks totaling $1.8 million for vehicle acquisition and maintainance, and some buses are already up and running in a number of areas in the county.

Academic Medicine and Bioscience
Finally, Mt. Sinai was a premier teaching and research hospital, and academic medicine and bioscience remain at the core of the Foundation's grantmaking. In one of its earliest and largest grants in December 1997, the Foundation committed $1.5 million to Case School of Medicine to recruit six cutting edge scholars over a three-year period. In December 2000, we decided to build on the success of this initial investment with a commitment of an additional $1.5 million to bring the total number of scholars to twelve. In the pages that follow, we are pleased to offer you a close-up look at the exciting work of the ten Mt. Sinai scholars who have been recruited to date. We believe that you will agree that the legacy of our great medical center lives on in the work of these fine scholars.

Thank you for your continued support of our efforts to secure a lasting legacy for Mt. Sinai into the future.

Sincerely,

Bennett Yanowitz
Chair, Board of Directors

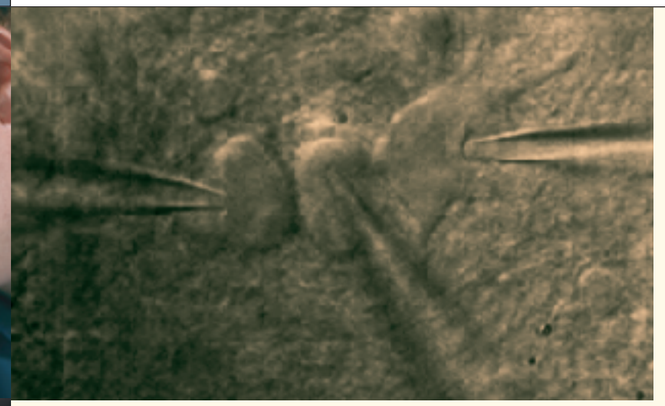
Mitchell Balk
President

1

ARRIVAL DATE
12 | 1997

NEUROSCIENCE

BENJAMIN W. STROWBRIDGE, PH.D.
RECRUITED FROM
University of Washington



In order to find out how brain cells talk to each other, Ben Strowbridge spent two years building a very powerful laser microscope. The microscope allows researchers to make "paired recordings" of the communication between cells, attaching electrodes to individual brain cells and then recording the electrical impulses in one cell resulting from stimulating a neighboring cell.

"Mt. Sinai was so very helpful because they allowed us to build this laser system," says Dr. Strowbridge.

Facing page: *Close up of one of the many components in the 2-photon laser microscope built by Ben Strowbridge to study the chemical communication between brain cells.*

Above: *Microscopic glass probes are used to record electrical signals simultaneously from three living brain cells in the hippocampus.*

"We built the laser system by hand. It was the first time in the world people have used this kind of laser microscope to facilitate paired recordings."

One of Dr. Strowbridge's main areas of research is in a part of the brain which is often the first to be injured in epilepsy. Though it is a common site of pathology, it is one of the last areas of the brain to be understood in terms of how the cells there communicate. Understanding the normal wiring in this area will allow scientists to determine whether the damage is causally related to epilepsy or is a secondary result of epilepsy, a question of obvious clinical significance.

Dr. Strowbridge uses the same technique to investigate how cells communicate in the olfactory bulb, the part of the brain which controls smell. While understanding our sense of smell may be of less obvious clinical significance than investigating epilepsy, Dr. Strowbridge offers a recent discovery in his lab as an example of the importance of conducting basic science research: Ph.D. candidate Todd Pressler recently became the first researcher in the world to record chemical messages from a cell in the olfactory bulb called the Blanes cell. Coincidentally, the cells in the brain which Blanes cells are most like are in the area of the brain that is first attacked by Alzheimer's Disease. Unlike the cells damaged by Alzheimer's, Blanes cells are relatively easy to get to, and therefore, to study. So studying the Blanes cells "opens a window into looking at Alzheimer's," Dr. Strowbridge explains.

"It's unusual to find a department that still has a basic science focus," he adds. "Our department has bet heavily on the basic science side. We think we're going to have a big clinical impact, but we're going to do it by doing good basic science."

2

ARRIVAL DATE
07|1999

NUTRITION

DUNA MASSILLON, PH.D.
RECRUITED FROM
Case Western Reserve University

Duna Massillon is an assistant professor in the Department of Nutrition, but when she talks about protein, don't expect advice on the benefits of eating fish instead of red meat. The protein she studies is created in the cells of the body. The protein, glucose-6-phosphatase, is responsible for a process called "gluconeogenesis," the process by which the body makes glucose during a fast (e.g., overnight).

Dr. Massillon, a native of Haiti who is in the first generation in her family to go to college, wants to find out how the gene that is responsible for the production of glucose-6-phosphatase is affected by nutrients and hormones. During her post-doc at the Albert Einstein College of Medicine, she was part of a team which was the first in the world to show that nutrients control the regulation of this gene.

Duna Massillon cultures mammalian cells in order to study the regulation of genes involved in both glucose regulation and cancer in humans.

For example, when you eat, the body releases insulin, which shuts down production of glucose-6-phosphatase. "The implications are very big," Dr. Massillon explains. "If this protein is allowed to go unregulated, the gene will be active all the time, leading to a state of hyperglycemia [too much glucose in the blood]. If diabetic, this is the last thing you want."

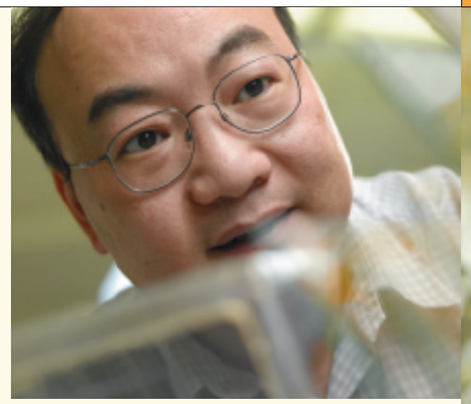
Shortly thereafter, Department of Nutrition Chair Dr. Henri Brunengraber, who taught Dr. Massillon when she was a graduate student in Montreal, recruited her for the Nutrition Department at Case School of Medicine, a department that was founded by and originally housed at The Mt. Sinai Medical Center. Today, in collaboration with a researcher in Montreal, Dr. Massillon is trying to show that the gene she studies is also very important in cancer. As she looks to the future, she hopes to be able to explain how the gene is involved in the invasiveness of cancer cells.

"The Mt. Sinai fellowship was my lifeline for a long time," Dr. Massillon says. "I am very grateful to them."

BIOCHEMISTRY

CHENG-MING CHIANG, PH.D.
RECRUITED FROM
University of Illinois

3
ARRIVAL DATE
08 | 2000

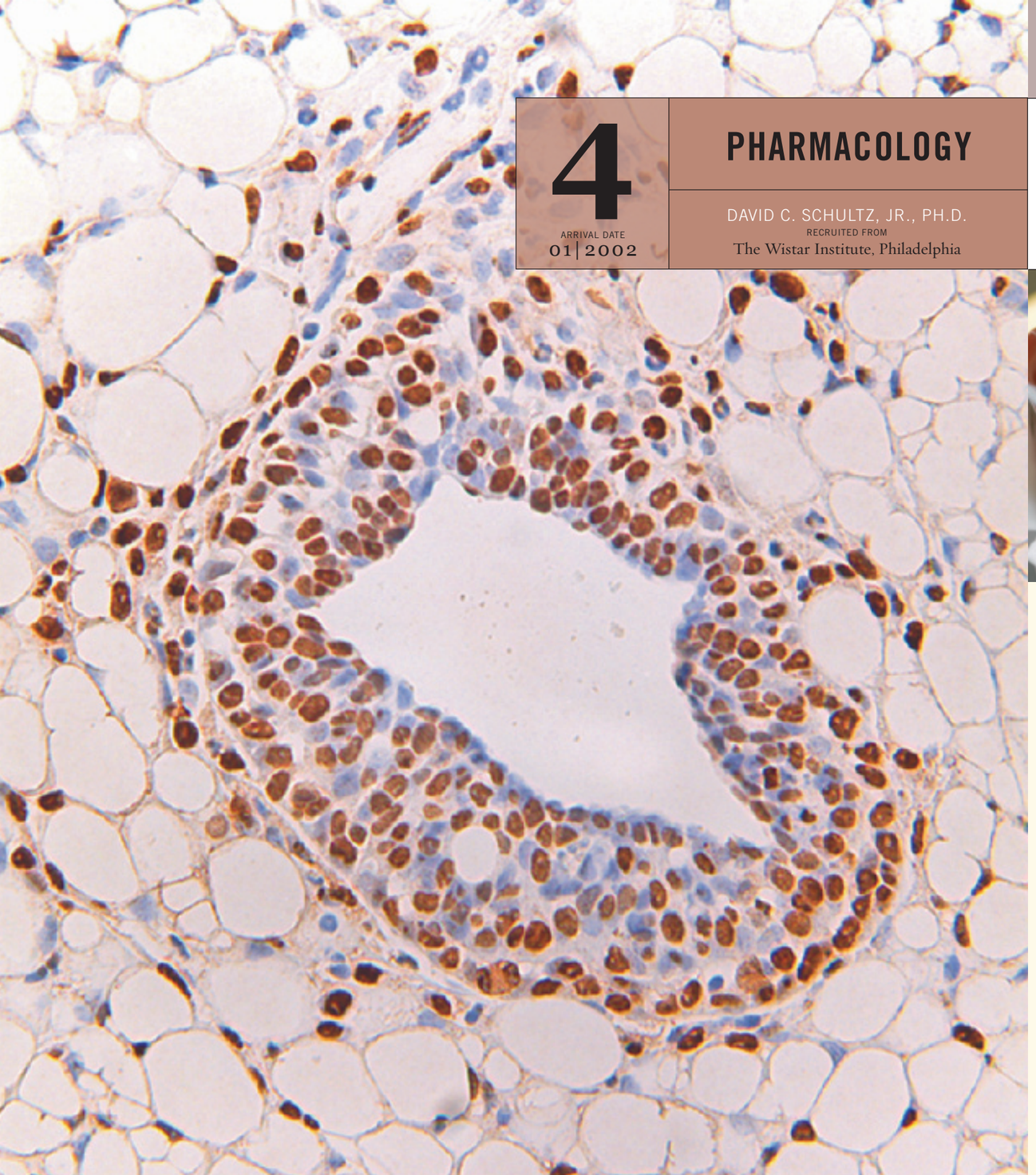


Understanding the mechanisms by which genes are turned "on" and "off" at specific times and locations has important implications for human health. Cheng-Ming Chiang's research is devoted to understanding exactly how transcription factors, the proteins at the heart of gene regulation, do their job in modulating gene expression.

The biological system Dr. Chiang chooses to study is human papillomavirus (HPV), which induces warts on the hands, skin and genitals, and, depending on the types of viruses involved, also lead to cervical cancer. In addition to studying HPV, Dr. Chiang is searching for a way to control the expression of proteins involved in the growth of tumors. "Some proteins [oncoproteins] promote cellular growth," Dr. Chiang explains. "While others [tumor suppressors] slow down the process. It is like yin-yang." A mutation in either or an imbalance between the two can lead to problems. Last year his team published a paper in *Molecular Cell* explaining the underlying mechanism at work when the cellular tumor suppressor protein p53 is inactivated by HPV-encoded E6 oncoprotein. Understanding of these fundamental processes helps scientists to tackle various health issues, including aging and cancer.

Committed to basic science research, Dr. Chiang, together with his wife Dr. Shwu-Yuan Wu, also a professor of biochemistry and a researcher in Dr. Chiang's lab, is passionate about solving the scientific "mysteries" that remain unanswered. "We have so many mysteries – and every day and night we think about the scientific problems we haven't solved," says Dr. Chiang.

Insect cells grown in spinner flasks will be used to produce proteins for Cheng-Ming Chiang's experiments to determine how transcription factors function in gene regulation.



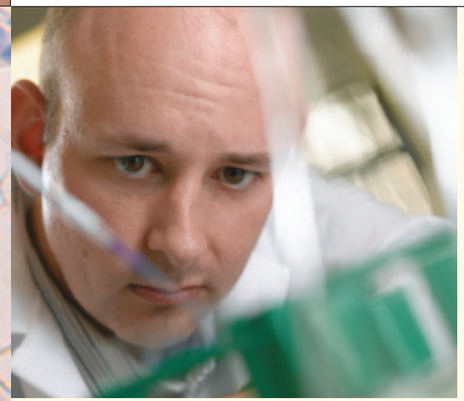
4

ARRIVAL DATE
01| 2002

PHARMACOLOGY

DAVID C. SCHULTZ, JR., PH.D.
RECRUITED FROM
The Wistar Institute, Philadelphia

KAP-1 (reddish-brown staining) in cells of a developing mouse mammary gland terminal end bud, cells which are important for mammary gland function and which are believed to be the cells most susceptible to becoming cancerous in human breast tissue.



David Schultz came of age as a scientist at a time of amazing breakthroughs in the understanding of human genetics. When he was in graduate school in the 1990s, new insights were being published in academic journals nearly every month. "The idea that the human genome was going to be sequenced in its entirety was still just an idea," the biochemist explains. "It was a peak time for identifying genes involved in hereditary cancers."

Dr. Schultz's research interests during graduate school led him to the laboratories of the Fox Chase Cancer Center in Philadelphia. There, working in a lab devoted to identifying genes important in the etiology of breast and ovarian cancer and using that knowledge to identify potential therapies, he fell in love with the process of scientific research. "There's a tremendous amount that remains unknown in the biomedical sciences, and being able to come into the lab every day and ask a question that has the potential to answer an unknown is the driving force in my work," he says. "Identifying something new that nobody else knows is complete satisfaction."

At Case, rather than focusing on the role of genes in disease, Dr. Schultz investigates how genes are expressed and do their work in normal cells. For example, he studies how stem cells program their genetic information such that they differentiate into different types of cells (e.g., skin, hair, brain). The particular lens through which he seeks to understand this process is a set of proteins called Krab Zinc Finger Proteins, whose function is to repress expression of certain genes and to allow the expression of others so that stem cells can become differentiated.

Discovering as much as possible about how gene expression is regulated under normal biological circumstances, Dr. Schultz believes, will lay the groundwork for asking questions about how it is altered in disease states such as cancer. "In the end, I think it will help mankind, because we'll learn more about how cells regulate the genes, why it might go awry in a disease state, and may provide insights into how patients respond to therapy," he says.

5

ARRIVAL DATE
01|2002

PHYSIOLOGY

VIRGIL MURESAN, PH.D.
RECRUITED FROM
Harvard University

Ask Virgil Muresan what he enjoys about his work and his whole face lights up. "The excitement that I get when I find something new is something that never goes away," the Romanian-born biophysicist says. "When you do an experiment you can't wait to find out the result. If I know that tomorrow I can expect a result, many times I can't get a good sleep." So what is the research that keeps Dr. Muresan up at night? He studies how proteins and assemblages of proteins (called protein complexes) move within brain cells, or neurons. More specifically, Dr. Muresan is trying to understand how a vesicle, essentially a small, mobile storage compartment, gets from the interior of the neuron to the end of the axon, the long process through which a neuron sends information to other cells in the body. This trip is substantial. Scaled up, making the trip from the area around the nucleus to the end of the axon is like driving from Cleveland to Boston.

Understanding this process, called axonal transport, has some important implications for human diseases at both ends of the life cycle: Alzheimer's and a genetic disorder called Lissencephaly, a childhood disease in which the brain does not develop appropriately. In both cases, faulty axonal transport may play a causal role.

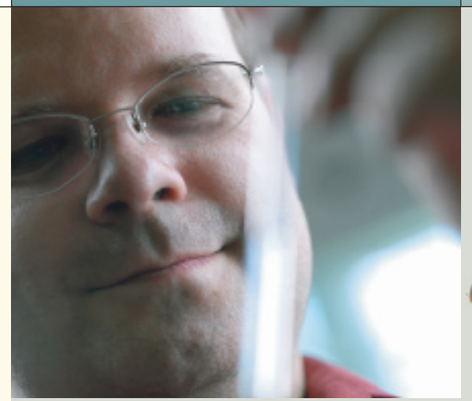
"In the end, we're accountable to society, to NIH, to Mt. Sinai," says Dr. Muresan, who finds the possibility of making a contribution in this area to be very satisfying. "Certainly every basic science finding will help, but it's better if we at least keep an eye on the disease connection."

Proteins (tagged red in this fluorescence microscopy image) responsible for transporting signaling molecules from the body of the neuron to the end of its axon are at the center of Virgil Muresan's investigations into the biophysics of how things move around inside of cells.

BIOPHYSICS

MATTHIAS BUCK, PH.D.
RECRUITED FROM
Memorial Sloan-Kettering Cancer Center

6
ARRIVAL DATE
08|2002



Imagine a developing neuron (nerve cell) or blood vessel: it needs to make connections to the right cells, often over considerable distances. But there are so many cells to choose from. How is a lowly axon or blood vessel supposed to sift through the crowd and find just the right cell to which to deliver information (electrical impulses) or food (oxygen)?

That's exactly what Matthias Buck wants to know.

A partial explanation of this phenomenon, what scientists call "guidance," is to be found in the interaction between a group of proteins in the axon or blood vessel called "receptor proteins" and the "signal proteins" being released by surrounding cells. Amazingly, it turns out that the same protein molecules are used to "wire up" both the central nervous system and the cardiovascular system. As the cells weave through the crowd looking for their target, they use the receptor proteins to sniff out the panoply of signal proteins. A decision needs to be made: move forward and make a contact to the other cell or move back. These decisions are made by the way the protein molecules fit together – it's rather like matching pieces into a giant puzzle.

Dr. Buck hopes determining the proteins' structure will reveal secrets of their function. He receives funding from the American Heart Association, the Heart, Lung and Blood Institute at NIH, and the March of Dimes foundation, who hope that his work will help in the fight against diseases of the heart and against birth defects affecting the heart or the nervous system.

Dr. Buck's efforts to apprehend protein structure may one day also have applications for fighting metastatic cancer, and he is currently considering a collaboration with an oncologist on a drug that would – by destroying the structure of their proteins – inhibit the ability of cancer cells to travel within the body.

"Research is humbling because nature doesn't care what we think," says Dr. Buck, who is thrilled with Case's commitment to research infrastructure, including the recent purchase of a huge new magnet – the largest commercially available magnet for protein structure studies. "You have an idea about how something might or should be, and nature tells you the opposite. Sometimes you have to change your pet hypothesis 180 degrees."

Using a method from structural biology called Nuclear Magnetic Resonance (NMR) spectroscopy, German-born biophysicist Matthias Buck is working to build computer models of the structure of one family of "receptor" proteins called Plexin.

7

ARRIVAL DATE
07|2003

MICROBIOLOGY

ERIK ANDRULIS, PH.D.
RECRUITED FROM
Cornell University

Erik Andrulis studies a protein complex called the exosome, and along the way he is changing the way scholars in his field think about how and where RNA is metabolized in cells. If a cell is a protein factory, the exosome is a quality control officer. And quality control is critical, because defective proteins can result in diseases.

How does the protein factory work? First, the genetic information in a cell's DNA is "transcribed" into a substance called "messenger RNA." From there, the information in the RNA is "translated" into a protein. For more than a century it has been known that defects in DNA cause disease. Only in the last decade have scientists realized that defects in RNA can also result in disease. That's where the exosome comes in. The exosome is responsible for surveillance of RNA production, RNA assembly, and RNA processing. It can recognize and either eliminate or correct defective RNA. Dr. Andrulis is determined to find out exactly how the exosome does its job.

"We are finding things that nobody expected," says Dr. Andrulis, who recently published a paper in the flagship journal of the American Society for Cell Biology, *Molecular Biology of the Cell*, a paper which turned on its head the conventional wisdom in the field that the exosome is a simple protein complex. On the contrary, Dr. Andrulis believes that the exosome is more like Proteus, the shape-shifting god from Greek mythology. "The exosome takes on different forms in the cell, and each form, we hypothesize, imparts distinct function," he says. "We want to hold onto even one of its forms long enough to get it to reveal its secrets."

Thus, while Dr. Andrulis, who says he "couldn't ask for a better research environment" than Case's, has not targeted a single disease in his research, his efforts to understanding how the cell's quality control specialist does its job will certainly prove useful to other researchers in developing medicines or other therapeutic approaches to disease.

From top left:
A sequence of sections starting outside the nuclear periphery and progressing through the nucleus of a fruit fly cell shows the protean nature of the exosome (tagged in green and blue). The presence in distinct sub-cellular compartments of the exosome's subunits suggests that exosomes have distinct roles in different areas of the cell.

8

ARRIVAL DATE
01|2004

MICROBIOLOGY

PATRICK VIOLLIER, PH.D.
RECRUITED FROM
Stanford University

Patrick Viollier uses genetic engineering techniques to induce mutations in the location of the flagellum (tail) on the Caulobacter crescentus, *seen here at the moment of cell division.*

Bacteria, which are single-celled organisms, reproduce by a process called cell division. In most cases, the result of this cell division is a pair of "daughter cells" which are exact replicas of the parent cell which divided to produce them. But not so in the case of *Caulobacter crescentus*, the harmless, water-borne bacteria that are the focus of Patrick Viollier's research. These crescent-shaped bacteria divide asymmetrically, producing one cell that looks exactly like the parent, and a second cell which, though genetically identical, looks different from the original in that it has a propeller-like tail (called a "flagellum"). Probably the result of evolutionary adaptation, the flagellum allows the cell to disperse the bacteria to new sites.

Dr. Viollier uses fluorescence and electron microscopy – and genetic engineering techniques – to study the workings of *Caulobacter crescentus*. Although he studies a harmless species, Dr. Viollier's research has possible applications to human health in two major ways. One is that in human cells, asymmetrical cell division is essential for cell differentiation, the process by which stem cells get turned into all types of other cells from brain cells to skin cells. And understanding how the process works in a simpler organism may lead to insights into the same process in a more complex organism.

Secondly, the Swiss-born biologist explains that "understanding how a bacterial cell works is necessary to combat bacterial infections. Flagella in pathogenic bacteria are pretty crucial, because they need to move to locate the proper cells to infect. If you can turn off the gene which leads to the development of the flagellum, you can hinder the spread of the bacteria in an organism."

Dr. Violler, whose research team recently published a major paper on the development of the flagellum in the scholarly journal *Cell*, compares basic science research to "reading a detective story that never ends. You get one answer and then a new question pops up."

NEUROSCIENCE

HEATHER BROIHIER, PH.D.
RECRUITED FROM
Washington University

9
ARRIVAL DATE
09|2004

Heather Broihier (rhymes with "lawyer") studies motor neurons, the brain cells that communicate with muscles. She wants to understand the process by which a neural stem cell differentiates into several different types of motor neurons. And like Dr. Buck (see page 14), she is also interested in axon guidance. That is, how a neuron's axon, the long process that must attach itself to a specific muscle cell in order to communicate with it, knows where to go. But whereas Dr. Buck uses biochemistry to understand molecular interactions between proteins required for axon guidance, Dr. Broihier conducts genetic experiments to understand the functions of these proteins in embryos.

The biological system in which she examines these processes is *Drosophila melanogaster*. Fruit flies. What's so interesting about how a fruit fly's brain cells communicate with its muscles? For starters there's the relative efficiency of studying genetic mutations in a species that reproduces every ten days. What's more, although human beings are genetically more complex than fruit flies, the vast majority of fruit fly genes have corresponding genes expressed in the nervous system of vertebrates, and mutations in many of these genes are linked to specific human pathologies. "By trying to understand how these genes function in normal development, we can better understand how the gene function becomes disrupted in disease," explains Dr. Broihier, who supervises three graduate students and one lab technician, each working on a particular gene.

Dr. Broihier, who chose MIT for graduate school because of the breadth of its program, is driven by innate curiosity: "I went into basic science because I love to do experiments," she says. "Being able to ask a good question and to understand how something works is really fun."

Tentacle-like axons extend to the left and right from individual nerve cells along the fruit fly's central nerve cord. Heather Broihier conducts genetic experiments to study how motor neurons communicate with muscle cells.

10

ARRIVAL DATE
07| 2005

PATHOLOGY

BRIAN A. COBB, PH.D.
RECRUITED FROM
Harvard University

Even before John Lowe arrived at Case as chair of the Department of Pathology, he had recruited Brian Cobb to Cleveland. A rising star in the field, Dr. Cobb had led a group of Harvard researchers in a breakthrough discovery in human immunity, and Dr. Lowe wanted the young researcher in his department. Dr. Cobb, whose shoulder-length hair and casual dress suggest more the rock musician than the medical researcher – he is on the lookout for venues for jamming on his bass guitar – has brought his cutting-edge research with him to Case.

The conventional wisdom among medical researchers has held that – unlike proteins – carbohydrates do not stimulate an immune response and, therefore, are not useful in developing vaccines. Dr. Cobb has proven that certain types of carbohydrates can elicit an immune response. This finding is important because many disease-causing bacteria, including certain strains of Staph and Strep, are coated with sugars. Thus, the question must be asked whether those sugar coatings – carbohydrates – could be possible targets for vaccines.

"We've been apathetic about bacteria like Staph and Strep because of the effectiveness of antibiotics," says Dr. Cobb, who is determined to find out how these sugar-coated bacteria get recognized and remembered by the immune system. "But in an era of increasing antibiotic resistance, we need to develop some new ways to fight them, including possible vaccines."

"Mt. Sinai's support is giving me critical time to establish this lab, because to get NIH funding you really have to be able to show that you can do what you're proposing to do," Dr. Cobb adds. "And that's not easy for a new investigator."

Human proteins responsible for "teaching" the immune system to recognize foreign molecules for attack are tagged in green in this confocal microscope image of human cells. Brian Cobb has introduced carbohydrate molecules (red) in order to study how the host proteins interact with the carbohydrate so that the immune system can recognize it.

SUMMARY OF ACTIVE GRANTS

ACADEMIC MEDICINE AND BIOSCIENCE	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
BioEnterprise Corporation To accelerate the growth of Greater Cleveland's bioscience industry	$300,000		$150,000
BioEnterprise Corporation To accelerate the growth of Greater Cleveland's bioscience industry		$300,000	$0
Case Western Reserve University School of Dental Medicine To build research capacity in public health dentistry	$288,150		$0
Case Western Reserve University School of Medicine Continuation of the Mt. Sinai Health Care Foundation Scholars Program to build the basic sciences	$1,500,000		$0
Case Western Reserve University School of Medicine To establish the Mt. Sinai Auxiliary Commemorative Chair/Professorship in Nutrition Research in recognition of the Auxiliary's legacy of service to Mt. Sinai and the community-at-large ($1.2 million previously granted)	$750,000		$250,000
Case Western Reserve University School of Medicine To establish the Mt. Sinai Skills and Simulation Center on the former Mt. Sinai campus in University Circle, a collaboration among CASE, The Cleveland Clinic Foundation, University Hospitals, MetroHealth Medical Center and the Louis Stokes Veterans Affairs Medical Center, in cooperation with the Israel Center for Medical Simulation at Chaim Sheba Medical Center	$10,000,000		$1,425,000
Case Western Reserve University School of Medicine Nathan A. Berger, M.D., Oncology Research and Education Fund		$2,500	$2,500
Case Western Reserve University School of Medicine Dissemination/publication of primary care projects of CASE Medical Students		$2,500	$2,500
The Cleveland Clinic Foundation For the Mt. Sinai Research Fellowship in End-of-Life-Care	$183,315		$63,315
The Cleveland Clinic Foundation To support activities of the Mathile and Morton J. Stone Chair and Professorship		$75,000	$75,000
Lutheran Hospital Rudolph Reich, M.D., Orthopedic Lectureship		$1,000	$1,000
NorTech For its educational outreach project on Issue 1: Growing the BioTech Sector		$2,500	$2,500
Northeastern Ohio Science and Engineering Fair For the 52nd Annual Science and Engineering Fair, March 28-31, 2005		$1,000	$1,000
Notre Dame College To establish a baccalaureate nursing program		Up to $24,285	$15,000
University Hospitals of Cleveland William W. Herman, M.D., Pediatric Lectureship		$750	$750
University Hospitals of Cleveland To the Division of Cardiology for research to prevent atherosclerosis and to minimize damage from myocardial infarction in patients with Type II diabetes	$30,000		$0

HEALTH POLICY	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
Center for Families and Children (fiscal agent) Year II support of the Mental Health Advocacy Coalition	Up to $45,000		$10,000
Fairhill Center for Aging (Greater Cleveland Access to Benefits Coalition) To enroll Greater Clevelanders in the low income subsidy program of Medicare Part D (prescription drug benefit)		$45,000	$45,000
Health Policy Institute of Ohio To establish this new entity as a source of unbiased data to assist health policy decision makers on issues related to Medicaid and other State health programs (together with other Ohio foundations)	$300,000		$100,000
Health Policy Institute of Ohio For "Basics of Epidemiology" courses for state and local public health staff		$2,500	$2,500
ideastream WVIZ/PBS & 90.3 WCPN For local programming associated with the airing of "And Thou Shalt Honor..." national caregiving town meeting		$25,000	$25,000
Voices for Children of Greater Cleveland Advocacy activities related to young children's health policy		$42,450	$42,450

HEALTH OF THE JEWISH COMMUNITY	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
American ORT 2006 ORT International Student Study Program - health expenses		$2,500	$2,500
Bikur Cholim of Cleveland To support services for Jewish families with major illnesses	$75,000		$50,000
The Friendship Circle (Cleveland Chabad Chai Center) For its project serving children with disabilities		$2,000	$2,000
Jewish Community Center For Health and capacity-building components of its multi-year business plan		$304,370	$0
Jewish Community Federation of Cleveland 2005 Campaign for Jewish Needs for health-related services	$1,375,000		$1,375,000
Jewish Community Federation of Cleveland 2006 Campaign for Jewish Needs for health-related services		$1,400,000	$0
Jewish Community Federation of Cleveland For health-related projects of the Centennial Initiative for Jewish Cleveland		$5,000,000	$500,000
Jewish Family Service Association For Ascentia: Social, recreational and fitness programs for individuals with disabilities		$2,500	$2,500
Jewish Funders Network 2005 membership		$850	$850

HEALTH OF THE JEWISH COMMUNITY continued	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
Montefiore Musician-in-Residence program		$2,000	$2,000
Planned Lifetime Assistance Network of NE Ohio (PLAN) Cognitive Enhancement Therapy training for JFSA Ascentia staff		$45,107	$45,107
Siegal College of Judaic Studies For the 2nd Mt. Sinai Health Care Foundation Conference - Biomedical Ethics and the Jewish Tradition: Allocation of Resources	$32,500		$16,250
Schnurmann House To retrofit bathtubs into showers allowing residents to age in place		$40,000	$20,000
Suburban Temple - Kol Ami Matching grant for automated external defibrillator		$1,060	$1,060
Transportation Consortium Coordinating Committee (TC3) For the senior transportation public/private partnership on Cleveland's East Side	Up to $120,000		$60,000
Transportation Consortium Coordinating Committee (TC3) For the senior transportation public/private partnership on Cleveland's East Side		$100,000	$100,000

HEALTH OF THE URBAN COMMUNITY	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
American Lung Association of Northern Ohio For the Cleveland Clean Air Century Campaign		$58,298	$28,692
Boys & Girls Clubs of Cleveland For Act SMART - HIV/AIDS prevention program		$22,500	$22,500
Care Alliance General support		$1,250	$1,250
Center for Community Solutions To implement the Cleveland Municipal School District's Comprehensive Health Plan		$25,000	$25,000
The Cleveland Clinic Foundation/Cole Eye Institute For the Vision First screening program in the Cleveland Municipal School District		$85,000	$20,000
The Cleveland Clinic Foundation CARES Initiative, November 5, 2005 For Cleveland Municipal School District student attendance		$2,500	$2,500
Cleveland Housing Network, Inc. For the Healthy Homes/Asthma Abatement Initiative		$30,000	$30,000
Cleveland Municipal School District For a park near the Lonnie Burton Community Center		$2,500	$2,500
Cleveland Rape Crisis Center To hire a trauma and addictions specialist		$44,420	$24,383

HEALTH OF THE URBAN COMMUNITY continued	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
Community Assessment and Treatment Services, Inc. For staff training in the Male Trauma Recovery Enhancement Model		$20,300	$20,300
Cuyahoga County Invest In Children For Year VI through Year VIII of a comprehensive public/private partnership focused on preventive services for at-risk families and children	$450,000		$150,000
El Barrio For "Creando Posibilidades," creating possibilities among Hispanic youth and adults to enter health careers, matching funds for a Robert Wood Johnson Foundation Local Initiative grant	$60,000		$15,000
Eliza Bryant Village For the administrator-in-training program		$1,500	$1,500
The Free Medical Clinic of Greater Cleveland To initiate a patient case management program		$25,000	$25,000
Goodrich-Gannett Neighborhood Center For the LifeLearn without Walls program for homebound seniors		$12,750	$12,750
Great Lakes Science Center To enable Cleveland and East Cleveland school students to attend Body Worlds-Interactive Educational Exhibit		$10,000	$10,000
Greater Cleveland Health Education & Service Council Support operational functions of minority health education agency	$535,000		$250,000
Greater Cleveland Health Education & Service Council To facilitate chief executive leadership transition		Up to $16,000	$16,000
HealthSpace Cleveland For health education outreach in the Cleveland Municipal and East Cleveland school districts		$25,000	$25,000
Helen Keller International - ChildSight For ChildSight Cleveland to provide free vision screenings and free quality eyeglasses on-site to students in the Cleveland Municipal School District	$425,000		$200,000
Help Me Grow Collaborative of Cuyahoga County Early Childhood Mental Health Project	$60,000		$30,000
InterAct Cleveland 2005 Homeless Stand Down		$1,500	$1,500
Jennings Center for Older Adults For its adult day care diversity initiative		$19,000	$19,000
LEAP (Linking Employment, Abilities & Potential) For the dining assistant program for persons with disabilities		$20,000	$20,000
Milestones Organization For dissemination of autism treatment modalities		$22,100	$22,100

HEALTH OF THE URBAN COMMUNITY continued	APPROVED PRIOR TO 2005	APPROVED IN 2005	PAID IN 2005
Murtis H. Taylor Multi-Service Center For the Community Drop-In Center pilot project		$25,000	$25,000
NAMI Greater Cleveland For the mental health multi-cultural outreach project		$17,000	$17,000
Neighborhood Family Practice To decrease health disparities through implementation of the Chronic Care Model	$50,000		$25,000
North Coast Community Homes To establish an Ohio Special Needs Housing Association	$15,000		$5,000
Planned Parenthood of Greater Cleveland, Inc. Bridge funding for "No Client Left Behind," the transition of family planning and other services formerly supported by Federal Title X funds		$122,781	$73,981
Preterm Cleveland To educate medical residents and other health professionals in abortion care		$23,380	$23,380
Project: LEARN Reading Health: Health Literacy Program		$36,447	$24,374
St. Vincent Charity Hospital To initiate the Deaf Access Program for D/deaf patients		$131,418	$66,718
Shoes and Clothes for Kids Heart & Sole Luncheon, October 31, 2005		$2,000	$2,000
Southwest Community Health Foundation For cost benefit analysis of its Gatekeeper Program	$66,140		$31,962
United Way of Greater Cleveland - Health and Caring for All Vision Council To establish a clinical data-sharing network among safety-net providers		$50,000	$50,000
United Way of Greater Cleveland John K. Mott Youth Fund Distribution Committee 2005		$2,500	$2,500
University Hospitals of Cleveland Pediatric Contact Lens Program, Department of Ophthalmology		$2,500	$2,500
Vocational Guidance Services For its senior community center serving the east side of the City of Cleveland		$10,000	$10,000
Welcome House, Inc. Strategic planning and program development for serving aging persons with mental retardation and developmental disabilities	$12,000		$12,000

OTHER	APPROVED PRIOR TO 2004	APPROVED IN 2004	PAID IN 2004
AIDS Walk of Greater Cleveland 15th Annual AIDS Walk/Run, September 17, 2005		$2,500	$2,500
Center for Community Solutions 63rd Annual Human Services Institute, March 18, 2005		$2,500	$2,500
Center for Families & Children 2005 Conference: Doing Well While Doing Good: The Role of Health and Human Services in Northeast Ohio's Regional Transformation, April 21, 2005		$2,500	$2,500
The Cleveland Women's Orchestra For performances at long-term care facilities		$1,500	$1,500
Forever Children's Home Fieldstone Farm Therapeutic Riding Center Riding Scholarships		$2,500	$2,500
The Foundation Center - Cleveland Operating support 2005		$1,500	$1,500
Grantmakers In Aging Support for 2005 Annual Conference		$2,500	$2,500
Grantmakers In Aging 2006 annual membership		$2,500	$2,500
Grantmakers In Health Funding Partner Year 2005		$6,500	$6,500
Milestones 3rd Annual Autism Conference: Strategies for the School, Home and Community, June 20, 2005		$2,500	$2,500
Helen Moss Breast Cancer Research Foundation Judah Folkman, M.D., Lecture, October 10, 2005		$2,000	$2,000
Ohio Grantmakers Forum Membership		$5,500	$5,500
The Ohio Society of CPA's 17th Annual Not-for-Profit Accounting and Financial Seminar, November 4, 2005		$500	$500
Project Love Remember the Children Foundation Coach Ken Carter presentation to Greater Cleveland youth, May 19, 2005		$2,500	$2,500
Benjamin Rose Institute Aging Affects Everyone: Tell Your Story, June 6, 2005		$1,500	$1,500

ENDOWMENT FUNDS

Maurice B. & Pearl Abrams Fund
Rhoda L. & Harry F. Affelder Memorial Fund
Mr. & Mrs. Philip B. Arnold Endowment Fund
Pauline B. Bamberger Endowment Fund
Jane Barnett Memorial Fund
William M. & Elsa Bassichis Endowment Fund
Louis D. Beaumont Fund
David M. Berger Memorial Fund
Roxanne Katz Bing Neurology Fund
Michael Bogomolny Research Fund
James & Fannie Brown Endowment Fund
Charles & Emma Bruml & Theresa H. Bruml Endowment Fund
Judge David Copland Memorial Fund
Nancy & Otto Danford Cardiology Fund
Arthur & Elsie Dery Endowment Fund
Samuel H. Deutsch & Martha S. Deutsch Fund
William F. Dorn & Lucy E. Dorn Memorial Fund
Aron Drost Endowment Fund
James Dworkin Memorial Fund
Herman & Lena Fellinger Memorial Fund
Henry & Etta Fink Memorial Fund
Albert T. Fischer Memorial Fund
Erma & Sylvester Flesheim Endowment Fund
Sidney L. Flesheim Memorial Fund
The Foundation Memorial Fund
The Foundation Tribute Fund
Dr. Jerome S. Frankel Memorial Fund
Mina K. & Eugene H. Freedheim Fund
Dr. S. O. Freedlander Surgical Fund
Ruth & Max Freedman Endowment Fund
Maurice & Sadie Friedman Fund
Myron J. Friedman Memorial Fund
Sadie & Maurice E. Friedman Memorial Fund for Neurology
Dr. Moses Garber & Daughter Edith Memorial Fund
Robert S. Garson Neurology Lectureship Endowment Fund
Dr. Aladar Gelehrter Lectureship Fund
Myron E. & Rose B. Glass Medical Development Fund
Clarence I. Goldsmith Memorial Fund
Julius E. Goodman Medical Development Fund
Herbert & Edna Goulder Endowment Fund
Dorothy R. Greenbaum Cancer Fund
Ben M. and Rose S. Gross Memorial Fund
Marc & Carolyn Grossman Endowment Fund
Samuel T. Haas Mt. Sinai Endowment Fund
Hazel D. Haber Memorial Fund
Salmon P. Halle & Carrie Moss Halle Endowment Fund
Jene M. Halpert Endowment Fund
Leonard C. Hanna Memorial Fund
Hortense & Samuel L. Havre Memorial Fund
George H. Hays Medical Library Fund
The Irving B. & Eva J. Hexter Heart Fund
Harvey W. Hopf Memorial Fund
Horatio J. & Rose Skall Joseph Endowment Fund
Edward H. Kaplan Memorial Fund
David & Sara Katz Endowment Fund
Myra Zeman Katz Memorial Fund
Dr. Robert Keller & Stephen Keller Memorial Fund
Alvin Kohn Memorial Fund
Jacob B. & Carrie R. Kohn Fund for Medical Research
Richard H. Kohn Endowment Fund
Vivian & Joseph Koppelman Cancer Fund
Sidonia L. Korach Endowment Fund
Julius and Lena Kramer Memorial Fund
Drs. Krause and Lubert Radiology Library Fund
Carl G. & Helen G. Lampl Fund
Joseph G. Lampl Memorial Fund
Roger S. Landers Research Fund
Arthur A. & Ruth Lawrence Lederer Fund
Ernest Lehman Memorial Fund
Louis K. Levy Memorial Fund for Hematology
Leanore & Sidney Lewine Fund
Dr. Moses Loewenthal Memorial Fund
David Lubin, M.D., Memorial Fund
Dr. Joseph H. & Peaches Marks Marko Endowment Fund
Medical Library Fund
Includes the following funds:
- Toni Alperin
- Dr. Lawrence N. Atlas
- Dr. Sidney Durschlag
- Dr. Samuel O. Freedlander
- Dr. M. D. Friedman
- Dr. Howard M. Gans

ENDOWMENT FUNDS continued

Gus Goldsmith
Mr. & Mrs. Sidney Goldsmith
Dr. Zolton Klein
Dr. Emil Kline
Dr. Sydney Levin
Dr. Albert Loveman
Dr. Oscar Markey
Mary L. Mosely
Nelson N. Moss
Dr. Norman J. Rosenberg
Barbara Diane Lessam Sheperd
Dr. I. B. Silber
Dr. Henley A. Stark
Adolph Steiner
Dr. David B. Steuer
Dr. Leonard G. Steuer
Rubin Stolmack
Dr. Abraham Strauss
Dr. Alvyn W. Tramer
Dr. Myron A. Weitz
Dr. James S. Wolfstein
Dr. Sidney E. Wolpaw
Julius L. Zychick
Minnie Melincoff Memorial Research Fund
Dr. Lucy Michaelis Memorial Fund
Esther S. Miller Memorial Fund
Lewis Miller Endowment Fund
Lewis Miller Philanthropic Fund
David A. & Florence F. Moritz Endowment Fund
Mt. Sinai Community Partners Legacy Endowment Fund for The Mt. Sinai Community Partners Resource Center at The Gathering Place
Annie May Myers Fund
Adrienne Meldon Ratner Fund
Ratner, Miller, Shafran Endowment Fund
Edward Reiter Cleft Palate Clinic Fund
Dr. Hyatt & Clementine F. Reitman Endowment Fund
Resnick Cancer Research Laboratory Fund
Charles L. Richman Fund
Daniel Richman Memorial Fund
George and Edith Richman Research Fund
Henry C. Richman Fund
Nathan G. Richman Endowment Fund
Dr. Benjamin Root Annual Lecture Fund
Dr. Hans J. & Betty Rubin Memorial Fund
Sue Rubinstein Memorial Endowment Fund
Shirley & Maurice Saltzman Institute for Clinical Investigation Fund
Ruth G. & Sam H. Sampliner Endowment Fund
Sophie M. & George L. Samuel Endowment Fund
Louis & Mildred Sanders Endowment Fund
Estelle King Schaffer Cancer Research Memorial Fund
Myrtle M. Schoenberger Endowment Fund
William J. Schoenberger Equipment Fund
The Rose Schulman Memorial Foundation Fund
Leo J. & Mildred Hays Schultz Fund
Sam E. & Eleanor Schumann Endowment Fund
Sealy-Wuliger Foundation Fund
Mollie & Leo B. Seidenfeld Fund for Research and Teaching
Abraham & Jennie Shaw Memorial Medical Fund
Daniel Sherby Memorial Fund
Dr. Morton Silberman Fund for Children's Dentistry
David G. Skall Endowment Fund
Alfred I. & Margery B. Soltz Fund
Lillian Spiegle Medical Research Fund
Caroline & Henry Spitz Memorial Fund
Henry J. & Stella R. Stern Memorial Fund
James & Bette Stone Music Therapy Endowment Fund
Mathile & Morton J. Stone Chair and Professorship Fund
Dr. Abraham & Marion Halle Strauss Endowment Fund
Emile L. Strauss Endowment Fund
Mortimer I. & Helen Strauss Endowment Fund
Mortimer I. Strauss, Helen E. Strauss & Blanche New Memorial Fund
Ignatz & Berta Sunshine Endowment Fund
Doris N. Thompson Research Fund
Rufus M. Ullman Endowment Fund
Aber D. Unger Memorial Lecture Fund
Rose Mary Waga Memorial Fund
Loren B. & Dorothy S. Weber Fund
Dr. Sidney D. & Ruth Weisman Fund

CONTRIBUTING FUNDS

Dr. Dale S. Adler Research Fund
Milton P. Altschul Fund
Dr. Lawrence N. Atlas Fund
Auxiliary Grant for Support of Staff Position in Psychiatry
Auxiliary Nursing Scholarship Fund
Myron Baker & Robert Dragin Kidney Dialysis Fund
Jamie C. Ban Memorial Fund
Mae V. Barlow Memorial Fund
Sunny Ruth Baron Memorial Fund
Dr. Willard A. Bernbaum Memorial Fund
Jerome M. Besuner Cancer Fund
Dr. Harold & Lillian Bilsky Music Therapy Fund
Sanford Bloch Memorial Fund for Hematology/Nephrology
Roger E. & Irma K. Blum Research Fund
Sarah Ann Borden Memorial Fund
Breast Health Fund
Lawrence E. & Esther Broh-Kahn Fund for Geriatrics
Dr. J. L. Bubis Traveling Fellowship Fund
Dr. Dan Butler Dental Clinic Library Fund
The Cancer Fund
Sylvia & Ben Coben Ophthalmology Fund
Dr. Samuel S. & Irma L. Cohen Dental Library Fund
Joseph E. Cole Eye Fund
Anne Cowan Memorial Fund
Mary P. Craig Memorial Fund
Nathan L. Dauby Memorial Fund
Milton T. Daus & Jeanne R. Daus Fund
Dentistry Fund for Russian Immigrants
Dettelbach-Keller Fund
Dr. Herbert C. Duber Memorial Fund
Abram B. & Sylvia S. Efroymson Memorial Cancer Lecture Fund
Jeffrey D. Epstein Memorial Fund
Excellence in Academic Ophthalmology Fund
Jac Fallenberg Memorial Fund
Arthur & Bernice Feiner Fund
Simon Feinstein & Ethel Holub Feinstein Memorial Fund
Bruce B. & Linda G. Felder and Family Continuing Education Fund
Alice Feng Microvascular Fund
Lily Fertel Fund
Flora Fox Memorial Fund
David & Ida Ruth Frankel Cardiology Fund
Edgar & Roslyn Freedman Medical Teaching Fund
Leonard S. Freeman Memorial Fund
Mrs. I. F. Freiberger Fund
Barry Friedman, M.D., Orthopaedic Award Fund
Lillian & Louis Friedman Memorial Fund
Dorothy Fuldheim, Jr., Memorial Fund
Vera Galvin Heart Fund
David Gamburg Fund
Dr. Jerome A. Gans Ophthalmology Fund
Anna Geiger Memorial Fund
Robert Gelb Memorial Fund
Dr. Jac S. Geller Library Fund
Norma C. and Albert I. Geller Fund
Dr. David Gitlin Cardiac Rehabilitation Fund
Myron E. Glass Personnel Fund
Helen Ruth & Julius Glick Cardiology Fund
Lillian Glick Memorial Fund
Zelta Schulist Glick & Ruth G. Kyman Cancer Fund
Dr. Stanley M. Goldhamer Memorial Lecture Fund
Dr. Henry Goldhirsch Cardiac Rehabiliation Fund
Edward D. Green & Ellen Green Memorial Fund for Heart and Diabetes Research
Martha & Merrill Gross Neonatal Care Fund
Edna K. Haas Memorial Fund
Dr. Erwin Haas Research Fund
Irving Jay Haber & Jean Koch Haber Fund
Philmore J. & Constance M. Haber Fund
Philmore J. Haber Fund
Beatrice W. Halle Fund
Emmy S. Halle Fund
James Halle Memorial Fund
Will S. Halle Research Fund
Dr. Samuel Hantman Memorial Fund
Edna F. Hays Memorial Fund
Edna F. Hays Personnel Award Fund
L. H. Hays Fund
The Heart Fund
Dr. William Herman Pediatric Lectureship Fund
John B. Hexter Student Fellowship Fund in Health Quality Information Management
Sydney L. & Sarah K. Hirsch Heart Fund
Walter Hodes & Peter Hodes Memorial Fund
Isadore Horvitz Memorial Fund
Leonard and Joan Horvitz Fund
Hospice Program Fund
Alan Hubar Memorial Fund
Dr. LeRoy J. Hyman Private Duty Nurse Fund
Indigent Patient Special Nurses Fund
Max & Sally Jacobs Neurology Research Fund
Meredith E. Jacobs Memorial Lectureship Fund
Joe Joseph Memorial Research Fund
Dr. Lawrence Joseph Fund
Adeline & Irving Kane Fund for Home Care and Nursing Services for the Indigent
James B. Katz, M.D., Memorial Gastroenterology Fund
Helene M. & Samuel S. Kaufman Pulmonary Medicine Fund
Helene M. & Samuel S. Kaufman Vascular Laboratory Fund

CONTRIBUTING FUNDS continued

Lester J. Kern Memorial Medical Equipment Fund
Rosalyn S. & Edward T. Kirtz Memorial Fund
Marilyn Kitzinger Memorial Fund
Klarreich-Friedman Behavioral Medicine Fund
Mayo & Gertrude Klaus Memorial Fund for Heart and Diabetes Research
Harold C. Klein, M.D., Humane Practice Award Fund
Stephanie Lee Klein Bone Cancer Research Fund
Lucile I. & Carl J. Koch Cardiac Intensive Care Fund
Vivian & Joseph Koppelman Cardiology Fund
Dorothy & Henry Kozokoff Memorial Fund
Dr. & Mrs. Lester Krauss Memorial Fund
Evelyne R. Lader Memorial Fund for Pulmonary Medicine
Frances W. & H. Jack Lang Fund
Ruth A. Layer Ophthalmology Fund
Sara R. & Wilbert J. Levin Lectureship Fund
Dr. Hyman S. & Rachel Lieberman Research Fund
Dr. Irving Lieberman Dental Fund
Marjorie & Alan Littman Scholarship Fund
Mr. Irwin Loeser Fund
Betty S. Loveman Fund for Cancer Research
S. Michael Loveman Cancer Fund
Irving R. & Evelyn H. Lyons Memorial Fund
Nancy Barnett Mack Cancer Fund
Myron D. Malitz & Daughter-in-Law Donna Malitz Memorial Fund
Walter L. & Esther U. Mayer Fund
Mace Mervis Memorial Fund
Alex Miller Memorial Fund
Dr. Alexander Miller Fellowship Fund
Gertrude & Irwin H. Milner Dental Fund
Eugene J. Morse Cancer Research Memorial Fund
Mt. Sinai Auxiliary/Community Partners Legacy Fund
Hy Nehamkin Memorial Heart Fund
Philip & Adele Neshkin Pediatric Fund
Harriett Okin Fund
Dr. & Mrs. Herschel H. Pevaroff Cardiac Rehabilitation Fund
Dr. Max D. Porus Memorial Fund
Ina Rantala Scholarship Fund
Dr. Rudolph S. Reich Lecture Fund
Yetta Reider Memorial Fund
Dr. Allen J. Reisenfeld Fund
Rheinheimer-Labowitch Memorial Fund
Oscar Robbins Memorial Fund
Shirley Robbins Fund
Lillian & Robert Ronder Resource Center for Education Fund
Sadie Rose Ophthalmology Fund
Sally Rosenberg Memorial Fund
Jeanne & Marvin Rosenblatt Memorial Fund
Marge Ross Cancer Fund
Sidney H. Sachs, M.D., Post-Mastectomy Rehabilitation Program
Herman Sampliner Memorial Fund
Sanford W. Sandler Memorial Fund
Acelia Schnackel Critical Care Education Fund
Dr. Irving Schonberg Fund
Mrs. Eleanor Schumann Fund
Irving R. Schumann Endocrinology & Metabolic Disease Memorial Fund
Judith Saffir Schumann Fund for Cancer Research
Sam E. & Eleanor Schumann Department of Medicine Fund
Helen R. Schwenger Memorial Fund
Shirley L. Seybert Memorial Fund
Herbert V. Sharlitt Cardiology Fund
Dr. Stanley H. Shensa Memorial Fund
Lew & Sue Sherman Fund
Shomer Shabbos Fund
Dr. Mortimer L. Siegel Memorial Fund
Dr. Edward E. Siegler Cytology Laboratory Fund
Stella Silberman Fund
Dr. Earl E. & Barbara Smith Pediatric Inflammatory Bowel Disease Fund
Dr. Herman C. Smith Memorial Fund
Jeffrey Mark Solomon Ophthalmology Fund
Zelda & Sidney Spector Fund for Social Gerontology
Arthur J. & Thelma A. Stern Fund for Patient Care, Research and Teaching
Jeanne Tallisman Renal Fund
Tay-Sachs Disease Testing Program Fund
Gilbert Tramer Fund
The Tranzonic Foundation/Sylvia & Robert Reitman Fund
Howard F. Ullman Memorial Fund
Fan Berne Ulmer Ophthalmology Fund "A"
Fan Berne Ulmer Ophthalmology Fund "B"
United Order True Sisters, Inc., Cleveland Chapter No. 30 Fund
Victor Vertes Chair & Professorship Fund
Victor Vertes Lecture Fund
Victims Assistance Fund
Morris & Helen Vinocur Pulmonary Fund
David I. & Ann K. Warren Fund for Nursing Education
Dr. Clarence Weidenthal Pediatric Fund
Lillian Weinberg Memorial Fund
Lillian A. Weinberger Fellowship Fund for Medical Records Administration
Adeline & Leo Weiss Memorial Fund
Albert & J. B. Weiss Fund
Abraham & Edna Zucker Fund

STATEMENT OF FINANCIAL POSITION *

	DECEMBER 31, 2005
Assets	
Cash and cash equivalents	$ 903,984
Investments	138,935,853
Receivables	5,358
Other assets	125,979
Property and equipment, net	30,242
Total Assets	$ 140,001,416
Liablities	
Accounts Payable and accrued expenses	$ 36,660
Grant commitments	843,750
Total Liabilities	$ 880,410
Net Assets	
Unrestricted	82,585,829
Temporarily restricted	39,579,725
Permanently restricted	16,955,452
Total Net Assets	139,121,006
Total Liabilities and Net Assets	$ 140,001,416

*(UNAUDITED)

STATEMENT OF ACTIVITIES AND CHANGES IN NET ASSETS *

	UNRESTRICTED	TEMPORARILY RESTRICTED	PERMANENTLY RESTRICTED	TOTAL
Revenues and Other Support				
Contributions	$ 1,178	$ 65,258	$ 345	$ 66,781
Investment income, net	1,498,483	859,940		2,358,423
Net realized and unrealized gains	6,742,299	3,973,058		10,715,357
	8,241,960	4,898,256	345	13,140,561
Net assets released from restrictions	2,350,136	(2,350,136)		
Total Revenues and Other Support	10,592,096	2,548,120	345	13,140,561
Expenses				
Grants and distributions	4,468,536			4,468,536
Administrative and general expenses				
Salaries	501,688			501,688
Purchased services	145,129			145,129
Employee benefits	158,774			158,774
Supplies and office expenses	58,231			58,231
Payroll taxes	32,718			32,718
Other expenses	21,156			21,156
Depreciation	18,605			18,605
Total administrative and general expenses	936,301			936,301
Total Expenses	5,404,837			5,404,837
Change in Net Assets	5,187,259	2,548,120	345	7,735,724
Net Assets, beginning of the year	77,398,570	37,031,605	16,955,107	131,385,282
Net Assets, end of the year	$ 82,585,829	$ 39,579,725	$ 16,955,452	$ 139,121,006

*(UNAUDITED)

BOARD OF DIRECTORS AND ADMINISTRATION

Officers

Bennett Yanowitz
Chair

Victor Gelb
William H. Heller
Vice-Chairs

Amy M. Morgenstern
Treasurer

Sally H. Wertheim, Ph.D.
Secretary

Life Directors

Leslie D. Dunn

S. Lee Kohrman

Robert S. Reitman

Director Emeritus

Morton G. Epstein

Directors

Dale S. Adler, M.D.

Richard J. Bogomolny

Renee Chelm

Robert Goldberg

Henry J. Goodman

Robert D. Gries

Harley I. Gross

Susan Hurwitz

Patricia M. Inglis

Julian Kassen, M.D.

Marc C. Krantz

Marvin Lader

Zachary T. Paris

Jeffrey L. Ponsky, M.D.

Susan Ratner

Elaine H. Rocker

Susan E. Rubin

Alan R. Schonberg

Philip S. Sims

Judith Weiss

Nancy G. Wolf, M.D., Ph.D.

Timothy F. Wuliger

Administration

Mitchell Balk
President

Ann Steiger Freimuth
Program Officer

Shelly Galvin
Program Officer

Melanie Gavin
Financial Officer

Genese Hewston
Program Assistant

Margaret R. Linton
Administrative Assistant

MISSION STATEMENT

The Mt. Sinai Health Care Foundation seeks to assist Greater Cleveland's organizations and leaders to improve the health and well-being of the Jewish and general communities now and for generations to come.

For a copy of the Foundation's Grantmaking Guidelines brochure, please contact the Foundation office or go to www.mtsinaifoundation.org

copywriting **Tim Tibbitts** design **Epstein Design Partners Inc.** primary photography **Russell Lee**

A SEED PLANTED

The 1915 time capsule surrounded by its contents.

THE MT. SINAI HEALTH CARE FOUNDATION

ALLEN MEMORIAL MEDICAL LIBRARY BUILDING 11000 EUCLID AVENUE CLEVELAND, OH 44106-1714 TEL 216.421.5500 FAX 216.421.5633

www.mtsinaifoundation.org