

Giving That Transcends Generations

Santiago Medina, MPH '97, should be considered a Renaissance man. Not only does he have an active family and a busy practice as a pediatric neuroradiologist, in addition to presenting at major professional meetings and writing books on evidence-based imaging, he is also an accomplished sculptor and painter with studios in Miami, Italy, and Colombia. Recently, *Legacy Matters* met with Santiago to learn about his legacy gift to the Harvard T.H. Chan School of Public Health, what drives his love of medicine and art, and how those two passions enhance his life.

How did you decide to become a physician?

First, I have always been very interested in helping other people and was involved in several community outreach programs growing up. Second, in school I fell in love with science and thought medicine was a field of continuous and challenging learning, which

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would never get boring. Third, I was surrounded by a family of physicians. My grandfather trained in the 1920s in France and Austria. He was the first rigorously trained pediatrician in my hometown of Medellín, Colombia, and founding director of a pediatric hospital back home. My father was a radiologist and one of the first pediatric radiologists in my hometown. In those days, as a child I could accompany my dad and grandfather to the medical office and hospital. I saw how rewarding their daily work was and overall how happy they were. I saw becoming a physician as a unique opportunity to serve others, always be academically challenged, and at the end of the day have a very rewarding life. I tell my friends that I would do my training all over again, although it took me 13 years of study after high school to become a highly specialized pediatric neuroradiologist (brain imager). It was a lot of fun!



Santiago Medina mixes color with stainless steel to create vivid sculptures like “Magic” (shown here). In the background is one of his recent oil paintings.

What is your definition of art?

Art is whatever allows a person or group of people to express themselves. However, I think that having rigorous training in the arts makes one a better artist—the same as doing extensive general surgery makes a plastic surgeon a very skillful and artistic surgeon. I was blessed that my grandfather and great-grandfather were accomplished artists, so I was sent to a rigorous Renaissance-style atelier, where I learned everything from pencil and charcoal to high-end oil painting. On the sculpture side, I worked in all media—from clay to bronze to marble. I did this from age five to 23. We not only learned the different art techniques but also the history behind the great masters and most important art movements. One of the most essential skills for an artist is to become excellent at drawing. That is why Picasso and Miró, among many others, were great. They had excellent academic training, strong drawing skills, and superb creativity. Unfortunately, there are a significant number of artists and curators who do not have rigorous training in the visual arts. This lack of advanced training would never fly in public health or medicine, where you go through a very stringent training program and your scientific manuscripts are peer reviewed by true experts in the field. In art, that is not always the case.

Could you elaborate on the relationship between art and science in your work?

There is a very strong relationship between my training in medical imaging and art. Medical imaging requires 2D and 3D analysis of extensive data sets. Art, and specifically sculpture, requires advanced 3D analysis. I specialize in neuroimaging, and it is well known from the functional MRI literature that 3D spatial resolution used both for sculpture and medical imaging resides in the same area of the brain. Therefore, there is strong cross-fertilization. The same happens between architecture and sculpture. In addition, I use medical CT (computed tomography) machines to scan my initial sculpture models, so I can generate computer-based 3D reconstructions. These 3D reconstructions can be modified on the computer and newer versions of the sculpture created. Many variations can be created in a very fast fashion. The final new version can then be printed using a 3D printer. These new computer-generated models can be used to build the final stainless steel or bronze sculptures. Medical

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A Charitable Trust Makes Good Things Happen

If you would like to increase your spendable income, reduce your present and future tax liability, and help the Harvard Chan School continue its work as a leader in improving global health, a gift planning arrangement known as a gift trust might be right for you. Many people have used this kind of trust to make future gifts to the Harvard Chan School while enhancing their tax, retirement, and estate plans.

The Basics: What Is a Gift Trust?

A gift trust (technically known as a “charitable remainder trust”) is simple in concept. You, the donor, irrevocably transfer money or property to the trust. The trust agreement, drafted by Harvard attorneys, directs the trustee to:

- invest the property given in trust
- use trust assets to generate income to you and/or other designated beneficiaries for a number of years or for life
- distribute the remaining property in the trust to the Harvard Chan School after the income benefits end.

You receive an immediate tax deduction

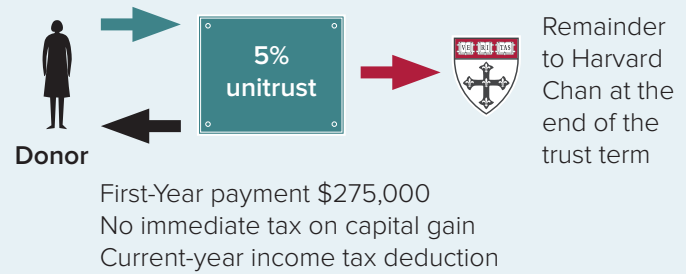
In the tax year in which you transfer property to a gift trust, you are eligible for an immediate tax deduction equal to the present value of the charity’s right to receive the trust principal at some later time. Depending on your age and/or the ages of beneficiaries and the allotted payout amount, you may receive a very substantial tax deduction.

You determine the payout

- A charitable remainder trust is highly flexible.
- You may reserve a fixed-dollar income (for example, \$25,000 a year for life) or an income that will vary with the periodic value of the trust (for example, 5 percent of the value of the trust as determined each year). The fixed-income version is called a charitable remainder *annuity trust* (CRAT); the variable-income version is a charitable remainder *unitrust* (CRUT).
 - Income payments typically range from 5 percent to 8 percent of the initial value of the amount transferred to the trust.
 - You may direct annual income payments to yourself and/or another individual beneficiary (or beneficiaries) for life or for a specified period of up to 20 years.

5% Charitable Remainder Unitrust Example

\$5,500,000 property (\$550,000 basis)



- At the time you create the trust, you may name more than one beneficiary or name successor beneficiaries to receive the income after the primary beneficiary passes away (though each additional beneficiary reduces the amount of your immediate income-tax deduction). Please note that the value of the expected remainder interest to go to the Harvard Chan School must be at least 10 percent of the value of the original trust.

You choose the property to fund the trust

You can fund your gift trust with cash, stocks, bonds, real estate, art, or any other viable asset. Low-yielding, highly appreciated assets are good choices to fund the trust. Also, when you transfer that property to the trust, you avoid the immediate exposure to capital gains taxes that you would have realized if you had sold the property outright. Harvard charges no fees to set up the trust or to administer it.

A Special Opportunity for Owners of Family-Held Businesses

A special kind of gift trust—the “net income unitrust with a make-up provision,” or NIMCRUT—can be an especially attractive gift option for the owners of family-held businesses. There are several reasons why:

- You can make effective use of property that produces little income or would take time to sell.
- The NIMCRUT allows you to avoid immediate capital gains taxes that would occur if the asset were sold.
- The make-up provision allows for “catching up” when the income from the initial years of the trust is below the designated percentage payout.

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Other Special Planning Opportunities with Charitable Remainder Trusts

Charitable remainder trusts can be used to address many specific planning needs. For example:

Accelerate your bequest. If your will includes a bequest to the Harvard T.H. Chan School of Public Health, consider the alternative of a gift trust. You can transfer the amount of the bequest to a trust that will generate income for your lifetime, give rise to immediate and substantial tax savings, and lower probate costs. The trust assets would be transferred to the Harvard Chan School at the time of your death.

Provide for a special need. A charitable remainder trust can be a great way to build an educational fund or other nest egg for a child or grandchild. In fact, establishing a trust for a specific term of years rather than for life is ideal for tuition savings plans.

Meet the needs of a survivor. You can make a bequest to a gift trust that will provide an income to a spouse or other loved one, with the trust principal passing to the Harvard Chan School only after the income benefits have terminated. The trust may also help to minimize estate taxes.

Charitable Trust continued from page 3

A natural candidate for a NIMCRUT is a high-earning professional or a business owner, generally age 40 to 70 years old, who holds substantially appreciated property that may be illiquid or difficult to market and produces little current income.

Take the fictional example of Victor Barnes, PhD, founder and majority shareholder of VBPharma Inc., a highly successful biotech firm specializing in researching treatments for immune disorders and infectious diseases. He is age 60 and planning for retirement.

Victor would be hit hard by capital gains taxes if he sells VBP shares, which are highly appreciated. With a goal of creating a stream of income for retirement, he transfers stock with a market value of \$6.5 million to a NIMCRUT. The trust can sell the stock without immediately paying capital gains taxes. Alternatively,

the trustee is allowed to hold the stock until it can be sold on favorable terms and without worrying about a forced, untimely sale to pay the fixed-percentage unitrust amount. The “make-up” provision allows for payment of the “income deficits” from earlier years to be made in the future, when the trust produces more annual income. This will be especially attractive to Victor, who has no need for additional current income, but who anticipates a need for higher income in the future, perhaps after retirement.

Planned giving experts at the Harvard Chan School can provide you with a proposal for a gift trust, including the NIMCRUT, in your estate and charitable planning that will help you create a Campaign gift for the School. Please contact us by phone or email, or return the card enclosed with this newsletter. All inquiries are held in the strictest confidence. Thank you for your support of the Harvard T.H. Chan School of Public Health.

SAVE THE DATE!

Please join members of the 1913 Society of the Harvard T.H. Chan School of Public Health for a special luncheon with distinguished guest speaker Dr. John A. Quelch, the Charles Edward Wilson Professor of Business Administration at Harvard Business School and professor in health policy and management at Harvard Chan School.

Look for invitations with registration details in April. For more information, please contact Judi Cantor, director of planned giving, at jtcantor@hsph.harvard.edu or 617-432-8071.


Tuesday, May 24, 2016 Luncheon | Noon–2:00 PM
Harvard Faculty Club | 20 Quincy Street | Cambridge, MA 02138



Financial Fitness and Healthy Living

On January 22, 2016, Harvard Business School and the Harvard Chan School cosponsored a luncheon symposium at the Four Seasons Hotel in Palm Beach, Florida. The symposium focused on financial strength and the “Fountain of Youth.” Guest speaker William Mair, assistant professor of genetics and complex diseases at the Harvard Chan School, engaged the audience with a discussion of his breakthrough studies on aging, eliciting great interest and prompting a lively question-and-answer session.

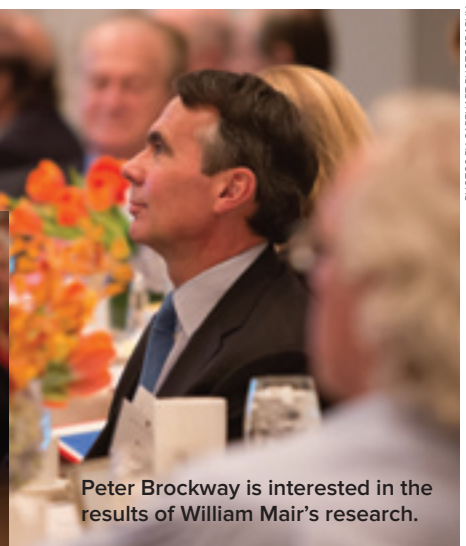
Please stay tuned for an invitation to our next collaboration in Palm Beach, which will take place on February 24, 2017. That exciting luncheon and symposium will feature Professor Walter Willett, the internationally renowned nutrition expert from Harvard Chan, and Tom Rogerson, senior managing director and family wealth strategist at Wilmington Trust.



STANDING: William Mair, Victoria Santoro. SEATED: Eliot Snider, Judi Taylor Cantor, Patrick Schaefer, Judy Hicks, Larry Hicks.



Paul Rogers and Ralph James enjoy a moment between presentations.



Peter Brockway is interested in the results of William Mair's research.

John Browne participates in the Q & A session with speaker William Mair.



Santiago Medina with “Eternity,” one of his sculptures.

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imaging technology (CT and MRI), plus medical 2D and 3D software, is highly sophisticated and can be used for unique analysis of sculpture models and modifications as part of the creative process.

Why did you feel it necessary to earn a master of public health degree?

Achieving my MPH was one of the most important parts of my training. I did my MPH with a concentration in health care management. I had outstanding professors, including Milt Weinstein [the Henry J. Kaiser Professor of Health Policy and Management]. They gave me the big picture of what health care and public health really is: the importance of evidence-based medicine, cost-effectiveness analysis, management skills, statistics, ethics, and law, among many others, that provide the best patient care and public health policy. They launched my career into evidence-based imaging when it was not a very popular field in radiology. I had the good fortune and honor of working with several outstanding editors and authors in publishing the first comprehensive books on evidence-based imaging. We have covered adult and pediatric topics, from Alzheimer’s disease to urinary infections in children. A subspecialty book in neuroimaging

followed. An emergency medicine book on evidence-based imaging is in the works. Interestingly enough, the courses in cost-effectiveness analysis and management, which I took at the School, have become very handy when working on large and expensive monumental sculpture projects.

Do you think more public art is needed in health science institutions such as the Harvard Chan School?

When I was studying for my MD and MPH degrees, I was always struck by the relative lack of public art compared with that found on the undergraduate campuses of major universities and colleges. Art not only beautifies and enhances the working environment but also inspires. Quite often art inspires in ways that go beyond the rational scientific method emphasized in public health and medical schools. Art inspires us to shoot for the stars!

You’ve created a gift trust at the Harvard Chan School, which will fund scholarships. What motivated you to make this generous gift?

When we created the trust, it was very clear that it had to be dedicated to public health. Very few fields in the humanities or sciences have the vast impact that public health has. It touches the core of who we are as humans and our role in our world: life, health, equality, happiness, prosperity, human rights, global warming, and so many others. The Harvard Chan School gave me an incredible education, and I was able to get my MPH through a grant provided by Boston Children’s Hospital. I really wanted to give back—not only on my behalf but also in the name of so many family members that through several generations were involved in providing health care. I stand on the shoulders of so many family members who allowed me to reach new heights. We thought it was appropriate to name it the Medina Family Financial Aid Fund to reflect the collective effort. We also wanted the Fund to focus on developing countries such as Colombia, where public health has had a major impact.

Why is philanthropy important to you?

My mother summarized it the best: “*Cuando uno se muere, uno se lleva lo que da y deja lo que tiene,*” which translates to, “When you pass away, you take what you give and leave what you have.”

1913 Society Roster

The year 1913 was an auspicious one. The U.S. Post Office began parcel post deliveries. Picasso had his first U.S. show at the New York Armory. Igor Stravinsky's *Rite of Spring* created a riot in Paris. And in September of that year, the new Harvard-MIT School for Health Officers welcomed its first class of eight. From humble beginnings, the Harvard T.H. Chan School of Public Health is now the world's leading authority on global health issues. We are proud that our legacy society donors have deemed the Harvard Chan School worthy of a bequest or other kind of planned gift, and we list the names of 1913 Society members here. Thank you for making the future of the Harvard Chan School a part of your legacy.

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Joan R. Baer and Arthur Bugs Baer
Amy C. Barkin, MPH '76
Judith Benfari and
Robert C. Benfari, SM '67
Terry M. Bennett, MD '64, MPH '69
Eugene P. Berg, Jr.
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Mrs. William McCormick Blair, Jr.
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SM '86, SD '89
Prudence Slitor Crozier, PhD '71,
and William M. Crozier, Jr., MBA '63
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Joan Selig Damson and
Barrie M. Damson
Jean M. Doherty-Greenberg, MPH '79,
and David A. Greenberg, MPH '80
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Michael and Kiar First
Katherine A. Forrest, MPH '71
Niki Friedberg and A. Alan Friedberg
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Edward Crocker Green, PDS '02
Douglas I. Hammer, MPH '68, DPH '76
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DPH '75, SM '75
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Joan L. Jacobson and
Julius H. Jacobson II
Nancy Johnson and Timothy Johnson, MD,
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Maurice E. Keenan, MPH '77
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Chunhua Liu, SM '98, SD '00
Shih-Ho Lue, MPH '08
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Steven Uranga McKane, MPH '79
Marjorie J. McLemore
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Olga L. Villegas-Medina, MD, MPH
Nyla Medlock
Diana H. Melvin and Seton J. Melvin
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Michael G. Morley, SM '11
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Anthony J. Zangara, MPH '62
Thelma Zelen



Membership in the 1913 Society is open to anyone who creates a bequest for the Harvard T.H. Chan School of Public Health or gives a life-income or other type of planned gift. If you think you should (or should not) be listed here, please let us know by e-mail at jtcantor@hsph.harvard.edu or phone us at **617-432-8071**. When you join the 1913 Society, in addition to this lapel pin and a special Welcome Packet, you will receive invitations to exclusive events for 1913 Society members and news on a quarterly basis.

Spotlight: Our Newest 1913 Society Member

Shih-Ho Lue, MPH '08, has had a strong interest in clinical research since he was a medical student in Taiwan. In fact, he decided to pursue his MPH at the Harvard T.H. Chan School of Public Health because he wanted to learn more about quantitative methods and “big data.” When asked about the people who had a strong influence on his work, he cites Dr. Murray Mittleman, who was always able to simplify the most complicated materials, and Dr. Miguel Hernan, who was his mentor. Both are professors of epidemiology. “I have fond memories of my work with faculty and colleagues,” says Shih-Ho, “but Dr. Mittleman and Dr. Hernan were instrumental in my success, and I really appreciate their guidance. Also, Dr. Gregory Wellenius, SD '04 and I had a fruitful collaboration. Harvard Chan School had a significant impact on my career, and now it's time for me to give back.”

Shih-Ho has created a deferred gift annuity, which will give him a life income after a set number of years (the “deferral”), and then the remainder will help fund the work of the School.



Shih-Ho Lue, pictured here at Framingham Union Hospital, where he is a physician, thinks the most important things in life are feeling passionate about one's life and work, having the opportunity to make a contribution to society, and being in good health.

LANGUAGE FOR A GIFT IN YOUR WILL, IRA BEQUEST, OR TRUST

A bequest to support the work of the Harvard Chan School should be directed to: The President and Fellows of Harvard College **for the Harvard T.H. Chan School of Public Health**, Tax ID# 04-2103580, 124 Mt. Auburn St., Cambridge MA 02138. Thank you.



Professor Barry R. Bloom
Harvard University Distinguished Service
Professor and Joan L. and Julius H.
Jacobson Professor of Public Health
Chair, 1913 Society

Dr. Timothy Johnson, MPH '76
Vice Chair, 1913 Society

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Judi Taylor Cantor
Director of Planned Giving

William O. Hersey
Assistant for Planned
and Major Giving

Harvard T.H. Chan School of Public Health
Office for External Relations
90 Smith Street, 4th Floor
Boston, MA 02120-2702

To learn more about including the Harvard Chan School in your financial planning, please contact Judi Taylor Cantor at jtcantor@hsph.harvard.edu or call **617-432-8071** or **617-407-9390**.



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