Computer tests, lab data show how mutation alters key protein.- HOUSTON -- Aug. 19, 2008 -- Using a combination of computer simulations and cutting-edge lab experiments, physical biochemists at Rice University have discovered how a small genetic mutation -- which is known to cause Wilson disease -- subtly changes the structure of a large, complex protein that the body uses to keep copper from building up to toxic levels.

“The protein we study is like a big puzzle,” said lead author Agustina Rodriguez-Granillo, the Rice doctoral student in biochemistry and cell biology who carried out the mathematical simulations and laboratory research. "The mutation that causes most cases of Wilson disease is well-known, but our study looks at the overall puzzle to see how such a small mutation can alter the shape and function of such a large and complex protein."

The protein in question is called ATP7B, which is a multidomain protein that sits in an internal membrane and regulates the movement of copper atoms inside human cells. Though large quantities of copper can be toxic, our bodies need a small amount for key enzymes involved in, for example, respiration and brain functions. ATP7B acts something like a warehouse manager, locking up bulk quantities of copper and handing it out for use in these proteins.

Wilson disease is a genetic disorder that alters the ATP7B protein's ability to work, causing copper to build up to toxic levels in the liver, brain, eyes and other organs. Over time the disease can cause life-threatening organ damage. Wilson disease affects as many as 150,000 people worldwide.

The new study is available online from the Journal of Molecular Biology. It focused on the genetic flaw that causes most cases of Wilson disease. That flaw, known as H1069Q, is caused when just one out of the more than 1,400 amino acids in ATP7B is changed. That amino acid is a histidine located at position 1069. In the disease-causing form of the protein, this histidine is replaced with a glutamic acid.

“This mutation occurs at a crucial location where the protein typically binds with a molecule called ATP that provides the energy the protein needs to move copper from place to place,” said study co-author Pernilla Wittung-Stafshede, an adjunct professor of biochemistry and cell biology at Rice and Rodriguez-Granillo’s adviser. Wittung-Stafshede, professor in chemistry at Umea University in Sweden, said, “Past studies have compared the behavior of the mutant protein with that of the nonmutant and found very little difference, so it was unclear how this small change led to the devastating effects that are seen in Wilson disease.”

Using a combination of experimental data and computer simulations that looked specifically at a portion of the protein called the N-domain, where the H1069Q mutation occurs, Wittung-Stafshede, Rodriguez-Granillo and postdoctoral researcher Erik Sedlak (now at the University of Texas at San Antonio) confirmed that ATP's function was significantly reduced in the mutant form of the protein. They also found that the mutation caused structural changes in other sections of the protein that were far away from the mutation site. For example, the healthy form of the protein is capped with a large, flexible loop. The purpose of the loop is unknown, but its shape is altered and more compact in the diseased form of the protein.

“This implies that the loop has some importance, perhaps in regulation of ATP7B’s activities, and we intend to follow up on this in our future studies,” Rodriguez-Granillo said.

The research was supported by the Robert A. Welch Foundation.
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The Wilson’s Disease Association is a nonprofit 501 (c)(3) organization.

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The Copper Connection
1802 Brookside Drive
Wooster, OH 44691
888-264-1450
kimberly.symonds@wilsonsdisease.org
www.wilsonsdisease.org

Our Mission Statement
The Wilson’s Disease Association funds research and facilities and promotes the identification, education, treatment and support of patients and other individuals affected by Wilson’s Disease.
Northwestern University Clinic Designated As New WD Center of Excellence

A “Wilson’s Disease Center of Excellence”, as designated by the Wilson’s Disease Association, is an academic medical center that provides a site where acutely presenting and chronically ill Wilson disease patients can receive the highest quality care. It must be able to render the best medical care in hepatology, neurology, psychiatry, ENT, physical and rehabilitative medicine, speech therapy, clinical laboratory diagnostics, and have an established hepatic transplant program.

The WDA is pleased to announce that Northwestern University has recently developed such a center. Under the direction of Dr. Aleksandar Videnovic, Neurology and Dr. Richard M. Green, Hepatology physicians and staff members have been assembled to care for both adult and pediatric WD patients. In addition to patient care, Northwestern will be substantially involved in Wilson disease research.

Dr. Tanya Simuni, Medical Director of the Parkinson Disease and Movement Disorders Center at Northwestern, initially approached the WDA about the possibility of becoming a Wilson Disease Center of Excellence. Upon review of Northwestern’s program the Board of Directors, with input from the WDA Medical Advisory Committee, approved Northwestern as a “Wilson Disease Center of Excellence” in July. The WDA leadership believes that this COE designation fulfills a previously unmet need for WD patients in Chicago and surrounding areas.

To schedule an appointment at the Northwestern Wilson Disease Center of Excellence, patients may call Diane B. Breslow, MSW, LCSW, Center Coordinator at 312-503-4397, E-mail: dbreslow@nmff.org

New York City Walk-Out-Wilson’s

Mark your calendar! We have a target date set for May 3, 2009. More information to come! If you are interested in helping out with this fun walk, please call the WDA office at 888-264-3824.

Walk-Out-Wilson’s in Chicago (Update)

The WDA would like to thank Nancy Marsala, Eileen Smith, Jason Witort, Anna Marsala, and Jennifer Klouse for all their hard work in organizing the first Walk-Out-Wilson’s in Chicago! Due to inclement weather, the walk was moved to Lutheran General Hospital. There were over 60 walkers and the group raised over $12,000.00!!! Congratulations to everyone!

$500.00 Sponsors
Jimmy’s Hot Dogs
913 Fullerton

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• Costco
• The Cheesecake Factory
• Home Depot
• Jessie Steven’s Ceramics
• Baker’s Square
• Subway
• Signerama
• Advocate Lutheran General Hospital
Dear Mary:

The University of Michigan has a long history of contributions to Wilson disease research, care, and treatment. The seminal work leading up to the 1997 approval of Galzin, (zinc acetate) as a maintenance treatment for Wilson disease, was performed at the University of Michigan. Additionally, research began over two decades ago on a new treatment for the initial presentation of Wilson disease using a novel compound, tetrathiomolybdate (TM).

Research on TM has shown promise over the years, and many people with symptomatic Wilson disease have experienced remarkable improvements after research treatment with this experimental drug. We have had a lot of assistance with this research from the Wilson Disease Association and people with Wilson disease. The work received funding from the FDA's Orphan Drug program and the National Institutes of Health (NIH) through their General Clinical Research Center (GCRC) research grant. The federal NIH grant to the University funded many of the clinical care expenses including hospital housing, nursing care, physician assistants, and ancillary testing in the past.

Recently, the NIH reorganized their clinical research programs in an effort to impact more people with “bench to bedside” research by developing Clinical and Translational Science Awards (CTSAs) to replace the former GCRC grants. While the University of Michigan was successful in obtaining one of these large CTSAs, the net effect was an acceleration in the shift of funding from inpatient or extended stay research to outpatient research. Similar, albeit not identical, changes are occurring at other research centers around the country.

These changes in our experience have made it easier to conduct outpatient research and more challenging to conduct new drug discovery research for people with rare diseases like Wilson disease. These patients often must travel long distances to centers conducting research. Those with disease symptoms may require extended stay visits, hospitalization, nursing care for drug delivery and specimen collection, nutritional support, and ongoing physician care. Replacing GCRCs with CTSAs has stimulated research on outpatients who tend to be healthier people with common diseases, while effectively discouraging research on people who are more ill with rare diseases. This change in funding has caused us to close the TM study to new enrollment. However, we plan to follow the participants previously enrolled in the treatment of the initial neurologic presentation of Wilson disease with TM study until its completion around the end of 2009. Hopefully the NIH budget will be increased in the future so more money can be placed in the CTSA programs for this type of work.

At the University of Michigan, the TM studies were initiated by Dr. George Brewer acting as the principal investigator. Frequently academic researchers work with pharmaceutical companies to assist them in bringing new drugs through the development and approval process, and eventually to market, for the benefit of patients in need of better treatment. This endeavor was successful in the past when Dr. George Brewer shared research data with GATE pharmaceutical for the company’s successful regulatory filing and approval of Galzin. In the case of TM, data was shared with another pharmaceutical company. They hired a consultant to assist them in filing a new drug application (NDA) for TM using this data and other data they procured independently. The FDA requested more work before they would give the application a complete review.

At this point, Dr. George Brewer has taken a step back from clinical research and has transferred to me the role of principal investigator on the TM research study. We are working hard to discuss what additional work is necessary to complete a successful regulatory filing for TM. Rest assured that the issue is receiving the full support of the University of Michigan’s regulatory offices at this time, and we remain committed to improving treatments for people with Wilson disease. A new study coordinator, Dawna Innis, R.N. has been hired, and we hope she will work with us on completing and reporting the Wilson studies over the next year.

For those who obtain care in the Wilson Disease outpatient clinic <http://www.med.umich.edu/gi/wilsonsdisease/index.htm>, new and exciting changes have been made to improve your care. Patti Paulin RN has moved to a new office with more space to better serve our patients. In July, we hired Dianna Spears to assist us with our Wilson disease patient care. She started work on September 3, 2008. Please join me in welcoming these new members of the Wilson team.

We would like to thank the Wilson Disease Association and all of the people who have helped to increase our collective knowledge about Wilson disease and its treatments throughout the years. Also, please join me in thanking Dr. Brewer for his countless years of service to people with Wilson disease and wish him well as he embarks on new horizons in his retirement from clinical work. He assures me we can continue to call on him for advice and encouragement for many years to come.

Fred Askari, MD, PhD
Associate Professor
Department of Internal Medicine
Director, Wilson Disease Program
University of Michigan Medical Center

THE COPPER CONNECTION 4
My Romanian Adventure
Stefan Sandler, WDA Board Member

Everything started in the beginning of 2000 with a forwarded email by Ascher Sellner from Monica Toth. Monica told in that email, that she lives in Romania and that she needed help.

Most of you know, that I’m working as a system administrator at one of the biggest central organizations of healthcare and welfare in Germany. And so I asked my boss, if we wouldn’t have one of our used computers, which we could donate to her. Of course he agreed.

After receiving the computer Monica and her husband Nicu invited me to visit them in Romania. This was how everything started.

I first came to Romania in summer 2000 and I was overwhelmed by the friendliness and the generosity of the Romanian people. Monica introduced me into another Romanian family with two girls with WD, who are now some lovely young ladies. And so everything developed like a pyramid scheme. Day by day and month by months I knew more Romanian patients.

In 2003 Ascher Sellner sent me a letter he received from a Romanian woman what was written in German language. Of course I replied to her and when I was in Romania again, somewhere close to her region, I decided to visit her. After I have visited her, she came to a return visit in 2004 and since 2005 we are happily married.

Meanwhile I have best contacts to all Romanian physicians who are specialized in WD and I know almost all Romanian WD patients personally. My wife Adela is of a great help in communication with Romanian people as Romanian is her native language.

I am really happy and thankful that Mary and Kim managed to start a cooperation with MAP, so that we are able now to provide Romanian patients with medications which aren’t available in Romania or which are just unaffordable.

The main problem in Romania is, that the common WD drugs like Syprine, Trientine, Galzin and Wilzin simply aren’t available there. There is only Cuprenil available, which is the Polish brand name for d-pen. But Cuprenil hasn’t the same quality as the d-pen produced in USA or Germany, which often leads to incompatibilities for the patients.

Until now Adela and I managed to help XX patients through the MAP program which means a lot to the Romanian patients, because the average salary of a Romanian is about 300€, which is approximately $450. This makes it almost impossible for them to import drugs on their own. We often receive thank-you-letters or calls and by now we have tons of invitations for visits.

By now I have been around 30 times in Romania and my Romanian is improving….

“I am really happy and thankful that Mary and Kim managed to start a cooperation with MAP, so that we are able now to provide Romanian patients with medications which aren’t available in Romania or which are just unaffordable.”
Presiden’t Message
SOS...The WDA Needs Your Help NOW!

Budgets are tight, gasoline costs are high, jobs are scarce, and it is hard to make ends meet right now. Sound familiar? Such is also the case with our beloved organization now. The WDA needs your help…quickly!

Think about the valuable services the WDA has provided on behalf of its members. What is the most important to you? Perhaps it is Physician Education, an important program that enables us to keep your physicians informed about the most current diagnostic and treatment methods for Wilson disease. We have an updated Physician Education brochure designed and ready to be printed and distributed; a project we would like to finish yet this year. Our Patient Assistance program has helped over 50 patients so far in 2008; there will be many more in need by year-end. Patient Education, such things as the quarterly Copper Connection, the new Patient Handbook published earlier this year, and the WDA website are important communication tools that must continue to thrive.

Each quarter we mail around 1200 newsletters to our members. If each and every one of you could find an extra $10.00 dollars in your budget, we could accomplish some of our remaining goals for 2008. You would love to send more but just can’t swing it right now? Get creative! Cash in that change jar that sits next to your washing machine or on your kitchen counter. If you don’t have one, then start one! There are many things that can be done and every little bit helps. If you need ideas, please contact the WDA office. Make the commitment now to help your cause, our cause.

For the past 25 years, the WDA has been there for thousands of Wilson disease patients, friends, and families. Can you, will you respond to your Association in its time of need? I have made that commitment and I know that you will too.

With warmest regards,

Mary

WDA NEEDS YOUR HELP!

With gas prices high and the economy in a slump, we are all having trouble meeting fundraising goals this year!

In a show of support, more than 700 of your favorite internet retailers and travel sites including Amazon, eBay, Target, Apple, Expedia and more have joined forces with GoodShop.com - donating a percentage of all your purchases to your favorite charity at no additional cost to you! More than 63,000 nonprofits and schools are now on-board!

It takes just a few seconds to go to www.goodshop.com, select the WDA as your charity, and then click through to your favorite store and shop as usual.

Also, Yahoo has teamed up with GoodShop’s sister-site, GoodSearch.com, to donate a penny to your cause every time you search the web. This is totally free as the money comes from advertisers. So every time you search, use GoodSearch.com and the WDA earns money!!!

To give you a sense of how the money can add up, the ASPCA has already earned more than $17,000!

GoodSearch and GoodShop have been featured in the NY Times, the Wall Street Journal, CNN, Oprah Magazine and more.

The WDA needs your help now more than ever!

Please tell 10 friends about GoodShop and GoodSearch today!
Thanks for Your Support!

Chicago WOW
Ramiro Arroyo, Jr. • PJ Lehnerer • Elpidio & Fatima Maglaya
Nevver Falon Sayles • Eileen Smith

Walk-A-Thon
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Sara Gilchrist • Bernice Gilchrist • Jim and Judy Chervitz
Rick and Carol Myers • Don and Sandy Schneider
Trine Prescott

In Memory of Brenna Nicholson
Theodore Prema

In Memory of Dr. Roland Gilchrist
Sara Gilchrist • Bernice Gilchrist • Jim and Judy Chervitz
Rick and Carol Myers • Don and Sandy Schneider

In Memory of Stanley Hill
Ruth Hill

In Memory of Therese Fraher
Cathleen Bergman

Memorial Algimantas Gleaveckas
Vainius Gleaveckas

MAP
Thu Nguyen

Honorarium Francis Whitehead
Irene Lake

In Honor of Barbara and Julian Fox
Judy Chervitz

In Honor of Courtney and Chase Adams
John Eric and Cynthia B. Adams

In Honor of Dr. Michael Schilsky
Dan Snyder

In Honor of Mary Graper
Kimberly Symonds

In Honor of my transplant donor
Shari Schall

In Honor of Nicole Russell
Joyce Russell

In Honor of Sara White
Joy Bestgen

In Honor of Taysean D. Saline
Mark and Liz Mirkin

In Honor of Thomas Nadeau and Family
Trine Prescott

In Memory of Brenna Nicholson
Theodore Prema

In Memory of Dr. Roland Gilchrist
Sara Gilchrist • Bernice Gilchrist • Jim and Judy Chervitz
Rick and Carol Myers • Don and Sandy Schneider

In Memory of Stanley Hill
Ruth Hill

In Memory of Therese Fraher
Cathleen Bergman

Memorial Algimantas Gleaveckas
Vainius Gleaveckas

MAP
Thu Nguyen
One Night for Wilson’s:
A Benefit Concert to Support the Treatment of Wilson’s Disease - Sunday, August 3, 2008.

The WDA would like to thank Johnathan Ferrara for his outstanding effort in bringing awareness to Wilson disease in Wilkes-Barre, Pennsylvania! Johnathan is a senior at Wyoming Valley West High School and he selected the WDA for his senior graduation project. One of Johnathan’s closest friends, Cody Gorel, has Wilson disease and his family and friends helped Jonathan plan this very successful event!

The following is a report from Johnathan on the event:

“We had approximately 100 people in attendance raising over $700 for the Wilson's Disease Association. We had the church sanctuary transformed into a "bistro" setting, with round tables, tableclothes, hurricane candles, and dim lighting. We did a silent auction that consisted of three donated baskets (Sports Pack, Italiano Dinner Basket, and Family Movie Nite Basket). All the helpers wore yellow t-shirts with name badges to identify who was staff. The entire concert was videotaped and lots of pictures were taken as well. The concert lasted from 6p-9p.

Matt Rayhill played first. He is an acoustic guitarist, then followed was Cody Gorel giving his personal testimony and basic facts about this disease. My best friend Joe and I then sang and played a set of songs on our guitars, and the nite ended with the headliner band, The Ryan Payne Band from Chambersburg, PA. They were awesome!! We also sold pizza, water, chips, and donated baked goods to help raise money as well. We made flyers that were placed on each table with information on Wilson's for people to read and educate themselves on what cause they were supporting.

The entire experience was rewarding in that money was raised to help with more research and education in finding a cure for Wilson’s.

Thank you for your support,
Johnny Ferrara

Again, thank you Johnathan for your incredible effort. We really appreciate all you have done to increase the awareness of Wilson disease and support research.

“We had approximately 100 people in attendance raising over $700 for the Wilson's Disease Association.”
WILSON’S DISEASE ASSOCIATION

MEMBERSHIP APPLICATION

☐ New Member    ☐ Renewing Member    ☐ Mr.    ☐ Mrs.    ☐ Miss    ☐ Ms.    ☐ Dr.

Name ________________________________________________________________

Address ________________________________________________________________

City ____________________________ State ______ Zip ____________ Country ____________

Home Phone ____________ Work Phone ____________ Email _______________________

MEMBERSHIP DUES:

☐ Basic Membership – $35
  • Receive quarterly WDA Newsletter via e-mail – (Please provide e-mail address above)

☐ Basic Plus Membership – $60
  • Receive quarterly WDA Newsletter via U.S. mail or e-mail – (Please provide e-mail address above)

☐ Silver Membership – $120
  • Receive quarterly WDA Newsletter via U.S. mail or e-mail – (Please provide e-mail address above)
  • 10% discount on Annual Meeting registration for up to two registrants

☐ Gold Membership – $250
  • Receive quarterly WDA Newsletter via U.S. mail or e-mail – (Please provide e-mail address above)
  • 15% discount on Annual Meeting registration for up to four registrants
  • Special recognition as a Gold Member in WDA Newsletter

☐ Copper Membership – $1000
  • Receive quarterly WDA Newsletter via U.S. mail or e-mail – (Please provide e-mail address above)
  • 20% discount on Annual Meeting registration for up to four registrants
  • Special recognition as a Copper Member in WDA Newsletter
  • 10% discount for Annual Meeting program ad
  • No annual dues

I WISH TO MAKE A DONATION TO WILSON’S DISEASE ASSOCIATION:

Name ________________________________________________________________

Address ________________________________________________________________

City ____________________________ State ______ Zip ____________ Country ____________

I am making a tax-deductible donation of $_____________

☐ In honor of ____________________________ ☐ In Memory of ____________________________

Send acknowledgement to: Name ____________________________ Address ____________________________

City ____________________________ State ______ Zip ____________ Country ____________

PAYMENT INFORMATION

Membership Fee $ _______ ☐ Visa ☐ Mastercard ☐ Check or Money Order attached

Donation $ _______ Card # ____________________________

Total $ _______ Expiration Date:_____________ CID# ____________ (3 digits on back of card)

Signature ____________________________
For Your Information

**WDA Wish List:**
- Donated Printing Services
- Family Run Fundraisers
- Newsletter Support

**Newsletter Deadline:**

_The Copper Connection_ welcomes, and would appreciate, any articles that members would like to submit for publication consideration. If you would like to submit an article, the deadline for the December newsletter is November 16, 2008. Please e-mail your article to the WDA office at: wda@sssnet.com.

The Wilson’s Disease Association is a charitable organization which relies on donations to do its work. Please help us! Tax-deductible donations may be sent to:

**Wilson’s Disease Association**
1802 Brookside Drive
Wooster, OH  44691

**Join our Online Community**

The Wilson’s Disease Association partnered with Inspire to bring our members a place for open dialogue among all Wilson disease members – no matter what the relationship is to Wilson disease. Join us by participating in a discussion, start your own discussion, create a blog, or vote in a survey. There are many ways to participate. Go to the WDA website, www.wilsonsdisease.org and click the button on the front page. Hope to see you there!

**NDRI | The National Disease Research Interchange**

The power to make a difference: donating tissue to science in your lifetime.

**National Disease Research Interchange (NDRI)**

Please take the time to register with NDRI. Your blood and tissue donation might be the one that helps find a cure, or a better treatment. To donate blood or tissue, please contact a Rare Disease Coordinator at raredisease@ndriresource.org, or by phone at 800-222-6374.

**Shopping!**

Shop iGive.com and find everything you need from paper goods and decorations; to clothing and accessories; music and entertainment; - the perfect gift for everyone on your list. Plus WDA benefits from your shopping!!! There are hundreds of stores on the iGive site including: Disney Store, Eddie Bauer, Spiegel, JCPenney, Walmart.com, Barnes and Noble, Gap, Home Depot, and Starbucks! All give a percentage back to WDA if you register and shop through the iGive.com site.

**Stock Donations**

Please consider the Wilson’s Disease Association for a 2008 stock donation. For more information, please contact the national office at 888-264-1450.

**Foundation Assistance Needed**

WDA members help us in so many ways. Here is one more thing you can do to help. Put us in touch with Foundations who might be willing to help fund WDA’s mission. Some of you may have access to a Foundation through your company, family members, or friends. While it is true that many Foundations have very specific missions, they are often amenable to proposals that come to them from a Director or Trustee.

If you know of a Foundation that may be willing to assist us, please contact the WDA office (888-264-1450 or wda@sssnet.com). We can work with you on the best approach and what kind of proposal would be most suitable. Who knows, your efforts in this regard could pay enormous dividends!

**Thank You To Our Wonderful Volunteers**

- Bill Graper
- Mike Symonds
- Dr. Michael Schilsky
- The WDA Board of Directors
**Pill Box Timer**

Remember to take your medication on time with WDA’s new Pill Box Timer. These great timers have, in addition to the normal display, an alarm and stopwatch to ensure that you don’t miss a single dose. Holds 15 aspirin-size tablets; has attached lanyard for use around neck, but small enough to fit in a pocket or purse. 3.5” L X 2” W X 5/8” Deep. Two colors available: purple and green. Donation requested is $15.00 plus shipping and handling ($2.50).

Number of Pill Boxes ______________

**WDA Awareness Bracelet**

You asked for them...we got them! WDA Awareness bracelets! They are copper in color and are designed to bring awareness to Wilson’s disease. The bracelets are packaged in groups of 5. The suggested donation per bracelet is $2.50, that comes to $12.50 per package. Copper color, inscription to read: STOP COPPER! SUPPORT WDA wilsonsdisease.org

Package of Bracelets______________

**New WDA Patient Education publication available, Wilson Disease: Maintaining a Successful Treatment Plan**

Published in March, 2008, this 8 1/2” x 11”, 32 page publication includes the topics: Medical Care, Medications, Diet and Nutrition, Special Circumstances, and Family Concerns and Genetics. Also included is a glossary of medical terms, a glossary of genetic terms, and a printed copy of the “Wilson Disease Patient Lab Tracker”. If you would like a copy, please contact the WDA office at: wda@sssnet.com or 888-264-1450. No fee is associated with this publication, but a donation would be appreciated.

Number of Handbooks _____________

**Penny Card**

WDA’s Penny Card Campaign continues to be a great success. To join in the fun, order your cards today. It is a suggested donation of $15.00 per card...what a great awareness tool for your community!

Number of Penny Cards ____________

**WDA Bumper Sticker**

Join in bringing awareness about Wilson’s disease! These stickers are 3” x 10” and have Copper color graphics with black text. Thank you to members Melissa and Patrick for designing them. And, a special thank you to Patrick for donating them to the WDA in honor of his son Jeff! Don’t like sticking these things to your bumper? How about your front door, boat, work cubicle or “just about anywhere things will stick!” Suggested donation is $5.00 per sticker, shipping and handling included.

Number of Stickers ____________
**Wilson's Disease Association**

**Volunteer Profile**

Name: ____________________________  Connection to Wilson's Disease: ____________________________

(Please include professional designations: e.g. M.D., Ph.D.)

Spouse or Significant Other's Name: ____________________________

Home Address: ____________________________

Home Telephone Number: ____________________________  Fax: ____________________________

E-Mail Address: ____________________________  Business Title: ____________________________

Business Address: ____________________________

Business Telephone Number: ____________________________  Fax: ____________________________

Occupation and Job Responsibilities: ____________________________

Company has a matching gift program (circle one):  Yes  No

Board Memberships and Professional Organizations: ____________________________

Social Affiliations/Clubs and Organizations: ____________________________

Personal Interests/Hobbies: ____________________________

Areas of Experience or Expertise:

- __ Auditing
- __ Legal - Nonprofit Experience
- __ Government Affairs
- __ Marketing
- __ Public Speaking
- __ Fundraising:
  - __ Special Events
  - __ Foundations
  - __ Corporations
- __ Other (specify) ____________________________

- __ Writing
- __ Media
- __ Graphic Arts
- __ Board of Directors
- __ Computer Technology
- __ Web Site/Internet
- __ Newsletter
- __ Local Support Group Organizing/Leading
- __ Office Work