Options & Opportunities

But there is so much more.
Parkinson's disease (PD) research and care.
Excellence in Parkinson's Research. Dr. Morris K. Udall Center of the University of Pennsylvania.

As our keynote speaker, Dr. Andrew Horak.
We hope to see you there!

visit our website at www.ohsu.edu/pco for more information.

Follow us on...

Change Service Requested

PD Hikes in Forest Park
Dr. Matt Brodsky of the OHSU Parkinson Center of Oregon is leading a series of hikes organized by the Portland Parkinson's Disease Network. Join us for this 5-mile, moderate-paced hike. Registration required: call 503-584-0901.

SAT, SEP 10 - PORTLAND, OR OPTIONS & OPPORTUNITIES
Join us for our 28th Annual Symposium. See detailed information above.

NEWLY DIAGNOSED WITH PD?
EVERY OTHER MONTH the OHSU PCO will offer three-hour sessions for people recently diagnosed with PD and their spouse or family member. Participants may ask any and all questions of a PD specialist and long-time patient. $20/person; refreshments served. Call Amy at 503-494-9054 for more information.

What's Diagnosed with PD?

What's Hot in PD Research & Care

Many of you who attend are asked about participation in the National Parkinson Foundation (NPF) registry, part of the NPF Quality Improvement Initiative. This registry will provide evidence for best practices for care of Parkinson's disease (PD).

But there is another registry, the Washington State PD Registry and its local registry in Washington and Oregon. This registry is for people with PD who are willing to participate in clinical research studies conducted in Washington and Oregon. If you join this registry and there is no reason that you cannot be in both the NPF and the Washington State PD registries, we will assist you to participate in research projects which may involve a blood sample or taking an experimental drug. The studies must be approved by the investigator's institution and the governing board of the Washington State Registry.

Enrolling in the Washington State PD registry does not commit you to participate in any future study but does offer you the opportunity to advance research on PD. You can learn about the Washington State PD Registry by asking us or on our website at www.registerparkinsons.org.

Hope FROM the PARKinson UPDATE

Summer 2011

Published by the OHSU Parkinson Center of Oregon
A National Parkinson Foundation Center of Excellence

Ten Commandments for Family Caregivers

Susan C. Imke was the keynote speaker at the OHSU Parkinson Center 2011 Caregiver Conference. She is an advanced nurse practitioner based in Fort Worth, TX and educational consultant to the Society for Progressive Supranuclear Palsy and the National Parkinson Foundation.

I Thou Shalt Love Thy Self as Thy Neighbor
Admitly, a rediscovery of the original ten in Judeo-Christian tradition!

Many caregivers become quite skilled over time at meeting the needs of others—not just their primary care recipients, but those in the family and the community who always seem to need help. This is an admittance to reserve some time and caring for your own physical and mental health in addition to what you devote to that deserving "other."

II Thou Shalt Take Thy Own Advice
This commandment is like unto the first. Seasoned caregivers not only have advice to give, but it's often quite good advice, based on a wealth of experience. Would you not encourage a neighbor or good friend to make sure her mammogram is done on time or get a flu shot? Do you treat yourself kindly?

III Thou Shalt Not Take Risky Medications
David Letterman on late night television once had a segment called, "Slap Us Down". This refers to things like climbing on ladders ten years after that practice was safe for you, moving yourself by yourself, not letting someone else take care of you on the phone, etc. You get the idea. People are turned into doing these things because their care partner is no longer able to do them. You don't know what it is like to be in their shoes. It is much easier to do things for yourself. Many of us have a yard task that is out of your reach or above your pay grade. Just Say No!

IV Thou Shalt Not Take Thy Doctors Too Seriously

As the wife of a relatively recently diagnosed, wonderful man with Parkinson's Disease I have the term "caregiver" and was unwilling to identify with that label. I still find it rather flattering, especially since, as a long-time critical care nurse, it evokes visions of nursing homes and geri-chairs. I wish we could come up with a different term: "nurturer", concerned, loving person" None of those terms work. We are what we are—caregivers.

So, when a friend of mine sent me a flyer about a caregivers symposium at OHSU and asked if I wanted to go with her (I mentally called myself a "screwing-up-of-a-person-with-Parkinson's Disease" and registered). Free massages? A glass of wine? Are you kidding me? I'm in! And, I am very glad that I went.

Continued on page 2
Dog Days of Summer

Paws for a Cause brought new definition to “the dog days of summer.” Although it wasn’t the hot dogs and dogs and dogs and dogs, fun and purpose, People with Parkinson’s disease and those who love and support them (including their dogs) came together to help OHSU Parkinson Center of Oregon fund DBS (Deep Brain Stimulation) surgery.

The money raised for OHSU Parkinson Center of Oregon will provide DBS surgery for those who have been waiting. The money will be used to support research, our caregiving specialist, and educational efforts. Our wish is to continue to support the caregivers who are there for us. We need your help.

The event was such a huge success! We are bumping the number of attendees to 120, and will continue to add more details as we get them.

Our sincerest thanks.

Jay Nett, MD
June Carter, ANP
OHSU Parkinson Center of Oregon

Understanding Deep Brain Stimulation (DBS) Surgery for Parkinson’s Disease

The OHSU Parkinson Center of Oregon (PCO) has been a leader in DBS surgery, research, and programming for many years. Our DBS program is staffed by a team of surgeons—Dr. Donovan Doronin, PA-C (pictured left), and a neuro rehabilitation team. Our neurosurgeon specializes in the DBS procedure in the United States in 1991. For more information about our DBS program, please contact Susan Imke, FNP, GNP-C.

DBS is a surgical procedure used as Deep Brain Stimulation (DBS), has been shown to be helpful in managing the motor symptoms of Parkinson’s disease such as tremor, bradykinesia (slow movement), and rigidity. DBS surgery involves placing an electrode in a specific region of the brain that is responsible for controlling movement. The electrode is connected to a lead that is placed under the skin and routed to a generator. The generator sends electrical impulses to the electrode, which in turn stimulates the brain tissue to control movement. DBS therapy can help improve physical and mental functioning.

Cognitive stimulation plays an important role in aiding this process. Managing the exercise program with the patient and family can significantly improve the patient’s quality of life. The ability for the brain to change and adapt is called neuroplasticity. Many research studies have shown that exercise plays an important role in improving cognitive function. Compensatory strategies and cognitive exercises such as Brain Stimulation Therapy can help individuals with PD improve health and wellness.

10 Speaker Control Strategies

Dr. Burchiel performs DBS surgery with the Oregon Institute of Neurological Disorders (OINDP) and is also involved in patient care at Oregon Health & Science University (OHSU). He is one of the world’s leading experts in the field of DBS. Dr. Burchiel is an internationally recognized expert in the surgical treatment of Parkinson’s disease and related disorders. He has performed over 1,000 DBS surgeries and has published over 150 scientific articles on the subject. Dr. Burchiel is a member of the American Academy of Neurology and the American Association of Neurological Surgeons. He is also a fellow of the American College of Surgeons.

One weekend per month

One hour per day

One weekend per month

One hour per day

One month per week

Deep brain stimulation has been shown to be extremely effective in helping those symptoms that respond to levodopa. The goal of the programming is to achieve the best “on” state for the patient treated with levodopa prior to surgery for a greater proportion of the day without dyskinesias. Programming for PD patients with DBS may be more complex due to the large number of variables that can influence the response to levodopa, such as non-motor symptoms, genetics, and response to medications. Therefore, it is important to work closely with the patient and their family to achieve the best outcomes.

What DBS does not do.

DBS will not help those symptoms that don’t get better on levodopa. For example, non-motor symptoms such as constipation, depression, anxiety, sleep disturbances, or anxiety may not improve with DBS. Cognition is an area that may worsen after surgery either temporarily or on a more long term basis. For this reason, an extensive neuropsychological evaluation of all PD patients prior to surgery to assess these areas that are most at risk. This information has been shown to be extremely helpful in managing the patient’s symptoms. In addition, assessment of the individual’s response to medication before surgery can also be beneficial. It is important to carefully consider the individual’s response to medication before proceeding with surgery.

What DBS can do.

DBS can be a beneficial therapy for people with PD to improve their symptoms. DBS can help reduce the frequency and severity of dyskinesias (uncoordinated movements) that limit the amount of levodopa the patient can take. The patient’s symptoms may also improve if the patient is taking a lower dose of medication. DBS may allow the patient to take less medication to achieve an “on” state and improve their quality of life. DBS can also reduce the need for medications such as dopamine supplements. DBS surgery can also help with the symptoms of tremor, rigidity, and bradykinesia. DBS can also help with the symptoms of dystonia, which can improve the patient’s mobility and quality of life.

DBS surgery is performed by a team of experienced neurosurgeons and neurologists. The patient is under general anesthesia during the surgery. The DBS team includes the neurosurgeon, the neurologist, and the anesthesia team. The patient is monitored continuously during the surgery to ensure their safety. After the surgery, the patient is monitored closely to ensure that they are recovering well. The patient will be discharged from the hospital within a few days and will continue to be monitored for several months after the surgery.

The DBS program at OHSU Parkinson Center of Oregon is dedicated to providing the best possible care to people with PD. The DBS team is committed to providing a safe and effective procedure for all patients. The team is dedicated to providing high-quality care to everyone who seeks treatment for PD. The team is committed to providing the best possible care to all patients with PD. The team is committed to providing the best possible care to all patients with PD.

DBS surgery is a surgical procedure used to help people with PD. The surgery involves the placement of an electrical lead in the brain, which is connected to a battery outside the body. The lead sends electrical impulses to the brain, which can help reduce the symptoms of PD. DBS surgery can help improve movement and coordination, reduce the need for medications, and improve quality of life.

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Dogs and dog-lovers alike had a great time at the OHSU Parkinson Center’s Paws for a Cause benefit Saturday, July 16th.

While we started with some of Oregon’s summer liquid sunshine, it did not dampen the spirits of the approximately 275 attendees, who participated in the 4K (by dogs) and 1K walks in front of the OHSU Center for Health and Healing behind Portland’s south waterfront.

Dog owner activities (have you ever seen limbos with dogs and their owners? (Hilarious!)) and contests (Best Look Alike. Best Dressed, Best Trick, and Dog “Pie” Eating Contest) proved entertaining for all. But we also had an opportunity to make new friends and educate folks about Parkinson’s disease.

In the process, we reached our goal (with your help!!!) and raised over $50,000 to support ongoing and new program initiatives at the center. We also will help fund our Family Caregiver Specialist, our educational outreach to train healthcare providers to improve care for people with Parkinson’s disease everywhere, and our research fund raisers earned the status of Top Dog and Royal Court with commensurate recognition, dog goodies, and applause.

We can’t thank enough all the planning committee, sponsors, fund raisers, volunteers, and dog-lovers. Not to mention, our wonderful Grand Marshals, Steve Vandyke and Jack, his Parkinson assistance dog—see article below. We are grateful to everyone for your support! Hope you will join us again next year.

We also wish to thank our sponsors: Golden Retriever level: Nay & Friedenberg; Jack Russell level: Swanston, Thomas & Coon; McGee Financial; Poodle level: Teva Pharmaceuticals; Chinhua level: Care Medical, Kettle Chip; SoundSource at OHSU, Finley Sunset Hills, In-Step Mobility; plus Montgomery Promotions, Joe M. Valentine, Graphic Artists.

The Worst & Best of Parkinson’s Disease

Steve Vandyke

Grand Marshals, Steve and Jack, welcome participants. Steve shares Paws’s impact on his life.

Jack and I want to thank you for your support and help in this exciting and yet important fund raiser for the center. The research and training that you are instrumentally in supporting is making a huge difference today, will make a greater difference tomorrow and will ultimately give relief to those who are suffering from Parkinson’s disease in the future. The OHSU Parkinson Center of Oregon is a forerunner in an international effort to research, treat and hopefully eradicate Parkinson’s from our lives.

Parkinson’s has been the worst and the best thing that has ever happened to me. The worst part is obvious. The day I was diagnosed was the day that changed my life forever. At that point, it felt that I was given a life sentence without parole, a debilitating disease with no cure. What does one do?

One gets going! With the help of the OHSU Parkinson Center of Oregon, I began to form. I found out about treatment options, disease symptoms and reviewing new research.

I said before the worst and the best. Let me explain the latter. Having Parkinson’s has given me a different perspective on life. What I once thought was not granted I now look at as a gift. I have a wonderful family, a great life and of course a sidekick named Jack.

Let me tell you about my best friend here. He is the secret to my success. He keeps me centered, grounded not only in this great life as a whole. With Jack at my side I am once again able to go places restricted by my illness. He is my joy and my life that allows me to carry on life pretty much the way it was before Parkinson’s.

Jack, who was trained by Joys of Living Assistance Dogs in Salem-Keizer, knows more commands than I can remember. Besides him being a counter balance, he also serves as another perspective that allows me to process the function of walking. When I freeze he helps the locomotive that starts me going. When I stumble he sidesteps to keep me upright. When I fall, which has not happened when attached to Jack, he is trained to help me in several ways. He acts as a post so that I can leverage myself up. He can be used as a bench to sit on or lever against as needs dictate. But, the most important factor is his training to seek help if either: 1) I request it, or 2) I fall and do not rise for two minutes. He has done this twice since we have been together. Both times I had fallen and injured myself. Jack was told to find a person and bring them back. Which he did with eagerness and practiced expertise.

These skills are instrumental in my ability to lead a successful, productive life that just happens to be impacted by Parkinson’s. My wonderful wife, Diane, and I have adopted a crucial line into our daily conversations. We call it the “Silver lining” With out Parkinson’s I would not have the “Silver lining” of Jack. Without Parkinson’s I would not have the “Silver lining” of a different more positive outlook on life. AND with out Parkinson’s I would not have the “Silver lining” of meeting and becoming part of the family here at the OHSU Parkinson Center of Oregon.

So let us spend the day celebrating the OHSU Parkinson Center of Oregon’s Paws for a Cause with our four footed friends in a day of fun and excitement.

...and we did! Thanks, Steve & Jack
T he OHSU Parkinson's Center Oregon (PUC) is a national leader in Parkinson’s disease research and is recognized as a National Parkinson Foundation Center of Excellence. The OHSU POC is involved in many studies that are fully recruited; other studies are in the planning stage. Those already fully recruited include studies on drugs to delay progression, new symptomatic therapies, balance, falls, genetics, and more.

**EARLY STAGE PD (NOT ON PD medications)**

Do you have early Parkinson’s disease that you aren’t currently treating with any PD medications? – Or – Are you a healthy control individual 40-60 years of age? **Purpose:** The Parkinson’s Progression Markers Initiative (PPMI) is an observational research study to investigate the biological processes that lead to Parkinson’s disease. A biomarker is a substance or characteristic in our bodies that is associated with the presence of disease. The development of PD poses a critical need to be understood, and the study will be critical to our understanding of the disease. **Eligible participants will be randomly assigned to receive the study drug (pioglitazone) or a placebo.** **Participation Requirements:** You must be 40-60 years of age and not currently taking PD medications. You must have a new and definite diagnosis of PD. You must be able to give written informed consent. You will include at least six clinic visits and one telephone visit over 48 weeks. **Purpose:** Recent studies show that the drug pioglitazone, currently used to treat Type II diabetes, may protect nerve cells in various ways. The purpose of this study is to determine if the study drug (pioglitazone) delays the progression of Parkinson’s disease in early-stage patients. This study is a collaboration between the National Institute of Neurological Disorders and Stroke (NINDS) and the Michael J. Fox Foundation, two strong organizations that fund the world of PD research and treatment development.

The purpose of this study is to determine if the study drug (pioglitazone) is safe and well tolerated in patients with early-stage Parkinson’s disease. Eligible participants will receive study-related evaluations, laboratory tests, and the investigational drug at no cost. **Purpose:** The purpose of this study is to help researchers learn more about the rate of progression or worsening disability in Parkinson’s disease. This information will be useful to identify one or more drugs that may have beneficial effects for humans with PD. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the study drug (pioglitazone) is safe and well tolerated in people with early-stage Parkinson’s disease. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00.

**EARLY- to MID-STAGE PD**

Have you been diagnosed with Parkinson’s disease within the last three years? **Purpose:** There is some recent evidence that higher levels of urate may be related to a slower rate of progression or worsening disability in Parkinson’s disease. This information will be useful to identify one or more drugs that may have beneficial effects for humans with PD. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone, currently used to treat Type II diabetes, may protect nerve cells in various ways. The purpose of this study is to determine if the study drug (pioglitazone) delays the progression of Parkinson’s disease in early-stage patients. This study is a collaboration between the National Institute of Neurological Disorders and Stroke (NINDS) and the Michael J. Fox Foundation, two strong organizations that fund the world of PD research and treatment development.

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**BALANCE / EXERCISE**

Are you interested in Exercise for your Parkinson’s disease? **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00. **Purpose:** Recent studies show that the drug pioglitazone (used to treat Type II diabetes) may protect nerve cells in various ways. The purpose of this study is to determine if the study drug delays the progression of Parkinson’s disease. **Participation Requirements:** You must be 50-80 years old, currently taking some form of a PD medication. You must have a history of gout or kidney disease. You must not have a history of cancer. You must be able to give written informed consent. You will be paid $35.00.
Dog Days of Summer

Paws for a Cause brought new definition to “the dog days of summer” although it was not the hot sun but the cool evenings that brought our dogs and fun and purpose. People with Parkinson’s disease and those who love and support them (including their dogs) rose to the occasion to raise money for OHSU Parkinson Center of Oregon. OHSU Parkinson Foundation of Oregon supported us. The money will be used to support research, our care provider, and educational efforts. All ends are better defined as those of a candle. Without one you cannot... 

Our sincerest thanks

Jay Nett, MD
Jake Carter, ANP

Understanding Deep Brain Stimulation (DBS) Surgery for Parkinson’s Disease

The OHSU Parkinson Center of Oregon (PCO) has been a leader in DBS surgery, research, and programming for many years. Our DBS program is staffed by Dori Hallett, MD, Tim_McKee, MD, Kathleen_Doranon, PA-C (pictured left), and a neuro rehabilitation team. Our neurosurgeons partner with the DBS team to provide comprehensive care to patients with Parkinson's disease and other neurological disorders as part of the Parkinson’s Institute. They are extremely passionate about their work and remain current with all advancements and developments in the field of DBS, ensuring our patients receive the very best care. They provide an important role in the surgical management of Parkinson’s disease through the use of deep brain stimulation.

DBS, or deep brain stimulation, involves surgically placing an implantable device in the brain for the purposes of treatment. The implantable device consists of two main components: a neurostimulator (also known as a pulse generator) and a lead. The lead is a metal wire that is surgically attached to a specific target area within the brain. The neurostimulator is a small, battery-powered device that delivers electrical impulses to the lead. These impulses can help to regulate the abnormal electrical activity in the brain that is associated with Parkinson's disease.

Who can benefit from DBS surgery?

DBS is typically considered for individuals who have advanced Parkinson’s disease and have not responded well to medication. Candidates for DBS surgery have symptoms such as tremors, rigidity, and slowed movement that are not adequately controlled with medication. DBS surgery may be an option for people who have had PD for several years and have reached a point where their medication needs have become increasingly difficult to manage.

The DBS procedure involves placing leads in specific areas of the brain that are affected by Parkinson’s disease. The leads are then connected to a neurostimulator that is implanted under the skin in the chest area. The neurostimulator delivers controlled electrical impulses to the lead, which can help to improve movement and reduce tremors. The leads and neurostimulator can be programmed to control specific movements or activities, such as walking or writing.

How is DBS surgery performed?

DBS surgery is typically performed on an outpatient basis under general anesthesia. The procedure usually takes about 3 to 4 hours. During the surgery, the DBS team will carefully determine the best location for the leads in the patient's brain. The location of the leads is critical and can vary from person to person. After the leads are placed, the neurosurgeon will perform a postoperative CT scan to ensure that the leads are in the correct location.

During the programming phase of the surgery, the neurosurgeon and a specially trained therapist will work together to program the neurostimulator to deliver the optimal amount of stimulation to the lead. This process can take several weeks or months, as the therapist must find the settings that best control the patient’s symptoms.

The patient will return for follow-up appointments to adjust the settings of the neurostimulator as needed. The neurostimulator can be programmed to deliver different levels of stimulation to different areas of the brain, allowing the patient to fine-tune the level of stimulation that best controls their symptoms.

OHSU is unique. OHSU’s DBS program is the only one in the world that offers compassionate care. The program is staffed by Board-certified neurosurgeons and neurologists with expertise in Parkinson’s disease and related disorders. They provide comprehensive care to patients with Parkinson’s disease and other neurological disorders, including surgical interventions and medical management. The program is dedicated to improving the quality of life for people with Parkinson’s disease and their families.
Options & Opportunities

28th Annual Symposium
Parkinson’s Disease Symposium

This year, we are pleased to present our keynote speaker, Dr. Andrew Siderowf (picture of the University of Pennsylvania Morris K. Udall Center of Excellence in Parkinson’s Research. Dr. Siderowf will speak on the latest findings in Parkinson’s disease (PD) research and care. But there is so much more... What’s Hot in PD Research & Care? Sight in PD: The Eyes Have It? Speaking Your Mind: Communication Skills? Nighty-Night: Sleeping Challenges in PD? All for the Cure: Special Caregiver Breakout: Parkinson’s Disease: Nurturing Healing Caregiving

Also, exhibitors will also share helpful information on managing PD for optimal function and quality of life. PD artists and hobbyists will also share their amazing work to inspire us all.

If you haven’t already received a registration brochure, visit our website at www.registerparkinsons.org or call 503-494-7231. The registration deadline is September 2nd. We would love to have you share your talents and exhibits your work. Please call Amy at 503-494-9054 if you are interested.

Change Service Requested

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This year, we are pleased to present our keynote speaker, Dr. Andrew Siderowf (picture of the University of Pennsylvania Morris K. Udall Center of Excellence in Parkinson’s Research. Dr. Siderowf will speak on the latest findings in Parkinson’s disease (PD) research and care. But there is so much more... What’s Hot in PD Research & Care? Sight in PD: The Eyes Have It? Speaking Your Mind: Communication Skills? Nighty-Night: Sleeping Challenges in PD? All for the Cure: Special Caregiver Breakout: Parkinson’s Disease: Nurturing Healing Caregiving

Also, exhibitors will also share helpful information on managing PD for optimal function and quality of life. PD artists and hobbyists will also share their amazing work to inspire us all.

If you haven’t already received a registration brochure, visit our website at www.registerparkinsons.org or call 503-494-7231. The registration deadline is September 2nd. We would love to have you share your talents and exhibits your work. Please call Amy at 503-494-9054 if you are interested.

Change Service Requested