

FROM THE TOP



Department News

DEPARTMENT
OF
NEUROLOGY
NEWSLETTER

VOLUME III
ISSUE II

APRIL 2008

This is a quarterly newsletter that will be sent out as a PDF file and will be linked to the Department of Neurology website at www.neuro.wustl.edu. To submit to this newsletter for possible publication; please see contact information on the last page.

A Few Notes From Dr. Holtzman:

Spring is upon us in St. Louis. In addition to Cardinal baseball, this means we have lots of new things happening. In addition to the recent residency matches, we just hosted our 24th Levy visiting Professor, Charles Thornton, MD, from the University of Rochester who gave a fantastic talk about myotonic dystrophy. On the afternoon of May 8th in EPNEC auditorium, we will host both the Bishop visiting Professor, Steve Hauser, MD, from UCSF as well as the Hope Center visiting Professor Ben Barres, MD, PhD from Stanford. Dr. Hauser will discuss his work pertaining to multiple sclerosis and Dr. Barres will describe his work on neuronal and glial interactions.

The fourth annual "Evening of Hope" featuring violinist Anne Akiko Meyers will be at the Sheldon theatre on the evening of Wed., May 14. Please contact "Hope Happens" at 314-289-5660 if you are interested in attending. All pro-

ceeds benefit the Hope Center for Neurological Disorders at Washington University. Check out our new website at www.neuro.wustl.edu or <http://neuro.wustl.edu> and thanks to Michelle Aubuchon for her hard work on this project.

Cerebrovascular Disease Dr. Jin-Moo Lee

The Stroke Center was recently awarded a 5-year \$11,000,000 grant to support translational research on acute stroke patients.

Awarded to only 7 institutions in the US, this highly competitive SPOTRIAS (Specialized Program of Translational Research in Acute Stroke) grant puts Washington University amongst an elite group of stroke centers. Colin Derdeyn, MD, Professor of Radiology, is the overall principal investigator of this grant, and several Neurology faculty are participants in this large collaborative efforts, including PI's of 3 projects (Michael Diringer, Colin Derdeyn, Jin-Moo Lee), PI's of core facilities (Mark Goldberg, Abdul

Nassief), and co-investigators (David Carpenter, Allyson Zazulia, and Greg, Zipfel).

Washington University was well-represented at the 2008 International Stroke Conference which was held in New Orleans from February 20-22. Many of our faculty chaired sessions or were involved in the organizing committee/abstract grading committees, including Colin Derdeyn, Michael Diringer, Mark Goldberg, Jin-Moo Lee, and Greg Zipfel.

The 26th Princeton Conference, a prestigious bi-annual conference for basic and clinical stroke research, was held in Houston Texas from March 27-30. Mark Goldberg and Jin-Moo Lee were invited to give talks at this conference.

Congratulations to Allyson Zazulia for being selected by the graduating medical school class as the Clinical Teacher of the Year. She will recite the Declaration of Geneva to the graduating medical students.

Department News Continued...

Movement Disorders

Dr. Joel Perlmutter

Dr. Tamara Hershey received two new RO1s with priority scores of 2.1% and 1.2%. One of the studies will investigate cognitive and mood changes produced by deep brain stimulation of the subthalamic nucleus in people with Parkinson disease. She will work with Dr. Kevin Black and the rest of the DBS team. Her other grant is a competitive renewal that is investigating developmental effects on children with diabetes.

Dr. Susan Criswell will begin her K12 award on July 1, 2008 to use MRI and PET neuroimaging techniques to investigate the brain effects of exposure to long term welding. This study will be done in conjunction with Dr. Brad Racette.

Our Huntington's Disease Center of Excellence was renewed by the Huntington's Disease Society of America for another year and our American Parkinson Disease Association Advanced Research Center was renewed for another 5 years.

Dr. Gammon Earhart has published a paper demonstrating the benefit of training in Tango dancing to help gait in people with Parkinson disease.

Alzheimer's Disease Research Center

Dr. John Morris

State of the ADRC

Dr. Morris presented a State of the ADRC address on February 26th that attracted many interested parties from Washington University and the local

Johnson Symposium

On February 29th, a symposium in honor of Eugene M. Johnson, Jr., PhD, entitled "Life, Death, and the Renewal of the Neuron: The Leap from Bench to Bedside" took place at EPNEC. Presentations given by former Johnson laboratory trainees ranged from the basic science of neuronal survival to more translational work on neurodegenerative disease, including a discussion of the process through which the neurotrophic factor, neurturin, is being brought to clinical trials.

After graduating with a PhD in Medicinal Chemistry from the University of Maryland and then teaching for three years at the Medical College of Pennsylvania, Gene returned to Washington University, where he had previously conducted a postdoctoral fellowship. He became a full professor in the department of Molecular Biology and Pharmacology in 1983 and then in the department of Neurology in 1994. While his awards and achievements are extensive, they cannot convey the depth of his importance to Washington University, to the neuroscience community overall, and to everyone who has gone to him for his wise counsel.

community. Key points of the address included recent transitions in leadership, current clinical trials, and challenges in the field of Alzheimer's disease research. On top of internal threats, such as the ADRC's geographic dispersion, we also face the external threats of a quickly-increasing elderly population and a stagnation of federal funding dollars. Despite these limitations, Dr. Morris was proud to announce a lengthy list of faculty who had recently received high honors in the field.

The 8th Annual Friedman Conference

The 8th Annual Friedman Conference,

sponsored by Washington University's Friedman Center for Aging, will address the theme "Are We Licensed for Life?"

Transportation and Driving Issues in an Aging Society." The Conference will be held on Tuesday, May 13, 2008 at the Eric P. Newman Education Center on the Washington University School of Medicine campus. The Friedman Conference honors University benefactors Harvey A. and Dorismae Friedman.

Leaders in the field will present on themes such as driving retirement, medical conditions and their impact on driving, recent research in improving driving skills, and the assessment of key functional abilities that are important for older adults in operating a motor vehicle. The different approaches States have adopted for licensing the medically impaired and older adult driver will be discussed by panels with audience participation. The conference is free and includes lunch. For more information, to view the program, and to register, visit <http://wucfa.wustl.edu> or call Mary Weis at 314/286-2441.

HBO Documentary on Adult Children Study

At the end of February and beginning of March, a film crew from HBO visited the ADRC to shoot a documentary on the Adult Children Study (ACS). The ACS studies two basic groups: people age 45-74 with at least one parent who had AD and people age 45-74 with neither parent having AD. In researching these two groups, investigators hope to detect the earliest signs or markers of dementing illnesses that may begin years before any outward symptoms are present. The HBO crew had the opportunity to interview individual participants after the Adult Children Study Brunch that was held at the St. Louis Zoo on March 1. The brunch was attended by over 150

Department News Continued...

participants who enjoyed a meal while learning about new and exciting biomarker research from Dr. Mark Mintun, Dr. Anne Fagan, and Dr. Randy Bate-man. Keep an eye out for future notices of HBO broadcast dates!

Neuro-Immunology Dr. Anne Cross

Eric Klawiter MD will be joining the Neuroimmunology Section in July 2008 as a Fellow. He has been awarded the prestigious American Academy of Neurology Foundation/American Academy of Neurology Clinical Research Training Fellowship.

The title of his research is: "Correlating CSF Biomarkers and Diffusion Tensor Imaging in Transverse Myelitis"

Epilepsy Dr. Edward R. Hogan

Progress continues in updating the facilities in the seizure monitoring unit at Barnes Jewish Hospital. Installation of display monitors for group presentations, and finalization of networking capabilities for access of EEG are in progress.

Dr. R. Edward Hogan, M.D. has begun collaboration with the University of Melbourne in Melbourne, Australia to apply deformation-based neuro-anatomical segmentation to the NEC and GAERS rat animal epilepsy models.

Dr. Samiya Rashid, D.O. has begun a project reviewing the extensive epilepsy surgery database to compare outcomes after epilepsy surgery in patients who have undergone selective amygdalo-hippocampectomy as compared to those who underwent amyg-

dalo-hippocampectomy with anterior temporal lobectomy.

General Neurology Dr. Sylvia Awadalla

Congratulations to Dr. Todd Schwedt on receiving a grant from the National Headache Foundation for the project "Resting State Functional Connectivity MRI in Chronic Migraine".

2008

AAN Awards Recipients Named

Congratulations to the current and former Neurology Residents on receiving the AAN Foundation Clinical research Training Fellowship Award

Eric Klawiter, MD of Washington University School of Medicine in St. Louis

Michelle Burack, MD, PhD of University of Rochester Medical Center in New York

Beth Leeman, MS, MD of Beth Israel Deaconess Medical Center in Boston Massachusetts

Annual Symposium on Translational Neuroscience Featuring: the George H. Bishop and Hope Center Lectures

May 8, 2008

2:30 – 5:00 pm

Connor Auditorium
Farrell Learning and Teaching
Center

**Bishop lecturer:
Stephen Hauser, MD**
Robert A. Fishman Distinguished
Professor and Chair,
Department of Neurology, UC
San Francisco

**Hope Center Lecturer:
Ben Barres, PhD**
Professor
Department of Neurobiology,
Stanford School of Medicine

HIPAA

Do you know who is responsible for HIPAA???

If you think the department privacy liaison is, you may be wrong. If you think the Washington University Privacy Officer and their staff is, you may still be wrong. That's right! Every single one of you that is reading this is responsible for HIPAA!!

Every employee, every courier, mailroom worker, physician, support staff, RN, MA, administrative staff are all responsible for HIPAA. If you are in an elevator, walking the halls, in the cafeteria, riding Metrolink, at the downtown post office you are responsible for HIPAA. HIPAA defines the rules for protecting a patient's PHI (protected health information). HIPAA defines what is protected health informa-

tion and what is not. PHI is not just hands on health information. PHI is any form whether the patient is present, the PHI is printed, spoken, copied or faxed. If PHI is on a printer, fax machine, setting in a mailbox, verbally spoken or on someone's desk, it is protected by HIPAA rules.

What are your responsibilities? You are responsible for keeping all PHI protected and private according to the rules posted for Neurology on WUSTL's HIPAA website. What is your responsibility if you observe a violation? You are responsible for reporting the violation immediately to your privacy liaison or directly to the Washington University Privacy Office.

How do you do that?

Shirley Moore
Neurology HIPAA Privacy Liaison
314-747-0532
314-294-2273 pager
314-747-3274 fax
314-308-3522 cell

Patricia Fisher, Privacy Officer
(314) 747-4975 or
(866) 747-4975 Toll Free
Fax: (314) 362-1199
email address: HIPAA@msnotes.wustl.edu

mailing address:
HIPAA Privacy Office
660 South Euclid, Campus Box: 8098
St. Louis, MO 63110

TOUCHWORKS (Allscripts)

Workflows for saving, signing and finalizing a note

Touchworks has specific reasons for creating "signing" and "make final" separately when creating a note in Touchworks whether the note is structured or unstructured. When a user selects "save" it allows the user to save the note and the user as well as other staff can return to the note later to continue to edit the note. This could be done when all the data is not available such as results of an MRI, all the medications the patient is currently taking is not entered, etc. When a user selects "sign" it saves and signs the note. This will add the sentence at the bottom of the note that says this note is electronically signed. This workflow is used for residents and fellows who need to sign a note. When a physician selects "sign" and they are done with the note and want to finalize the note, they should also make sure the box is checked for "make final". If a teaching statement is added, it can only be added by the teaching physician

which is one of the reasons these workflows were created. The teaching physician should add the attestation statement then sign the note and make sure the box "make final" is selected in the pop up screen.

STRUCTURED NOTE-If a note is signed but not final, any edits will show up in the text of the note and will not stand out as added later. If a note is signed and the "make final" button also selected, the note is finalized. Any edits made after that will have a statement at the end of the note section that says this section was amended by xx and when the edit was created. If a user, such as a resident or fellow, is making the amendments to the finalized note, Touchworks will automatically task the owner of the note (teaching physician) to sign the note again. Residents and fellows should never add an amendment to a teaching physician's note without first talking to the teaching physician. It may not be appropriate to make any changes to this note

but instead create another note.

UNSTRUCTURED NOTE-If a note is signed but not final, any edits will show up in the text of the note. If a note is signed and the "make final" button also selected, the note is finalized and the note can not be edited. You must select "amendment." This will create an amendment at the bottom of the note.

If you are in Schedule or Chartviewer you will see a pencil beside a note until it is finalized. It may be signed but still have a pencil. That means you can still make corrections before making the note final.

If you have any questions, please do not hesitate to contact me,

Shirley Moore
Adult Neurology Department Admin for Touchworks
314-747-0532
314-294-2273 pager
314-747-3274 fax
314-308-3522 cell

IT

NEURO domain authentication:

WUCON VPN/Wireless authentication

ATTN: Department of Neurology VPN/Wireless users:

In March we sent notification regarding the School of Medicine's move to Active Directory Authentication (using the **NEURO domain, NOT Neurology0**) for Wireless and VPN authentication.

We are in the process of sending all current VPN/Wireless users emails in regards to this switch. We have created/modified all appropriate NEUROLOGY VPN and wireless users to allow authentication

through the NEURO domain.

For users already having a NEURO login, notification has been sent in regards to account modification and accessing the WUCON VPN with your NEURO login. If you did not previously have a NEURO account but currently use VPN access, you will receive an email with instructions for access.

This change will reduce the number of passwords people need to remember and make account management and support easier for all. All requests/comments/concerns may be directed to Neurology

Computing Services @ 7-1165.

Citrix Web Access

ATTN: Citrix users- Web access through the NEURO domain

As many are already aware, we now have the ability to access Citrix through any web browser using the NEURO domain login. This allows users to bypass logging into the WUCON VPN. Many have already requested and received access to use this feature. If you are interested in NEURO login for access to Citrix through any web browser you may contact the helpdesk @ 7-1165.

Announcement Neurology-HealthSouth Award to the Washington University Community

The Department of Neurology at Washington University and HealthSouth Corporation announce the institution of two pilot research awards in the area of Central Nervous System Recovery and Restoration (CNSRR). The goal of this award is to promote translational research on the functional recovery of patients with central nervous system injuries, mechanisms of neural plasticity and their effect on behavior. Projects that have the potential to impact on clinical practice will take priority. Please submit preliminary queries about the appropriateness of the projects to Maurizio Corbetta, MD (mau@npg.wustl.edu). Each grant will be awarded once and the budget cannot exceed \$30,000 spendable over two years.

No indirect costs are included.

Submission of proposals: Prepare your proposal according to these guidelines: page 1 for title, investigators, abstract & lay person description of proposed project emphasizing the clinical impact of research; up to 2 pages for budget description and budget justification; up to 4 pages for description of research plan not including bibliography. Enclose CV and budget in NIH biosketch and budget format. Each proposal should be formatted as follows: length not to exceed 6 pages single space, font not smaller than Arial 11.

- Review: the proposals will be evaluated by a Research Review Committee that

will be appointed by the Executive Committee managing the research agreement (Drs. Holtzman, Corbetta, Volshteyn, Clohan). The review process will be completed by June 15, 2008.

- Start date: July 1st, 2008.
- Deadline for application: April 30, 2008. NOTE THAT THE DEADLINE HAS BEEN EXTENDED.

Reporting: within 3 months from the end of the project a final report of 2 pages will detail the utilization of funds and results achieved.

Contact person and submission of applications: Daniel Pope (314-747-1726; poped@npg.wustl.edu).

Wash U Updates

Need help efficiently using Becker Library resources? The Becker Library Liaison Program partners specific departments with a librarian. For neurology, this librarian is Will Olmstadt.

Will is happy to help the neurology department.

For example, he can demonstrate how to:

- Use Becker Library resources effectively for patient care and research

- Locate Becker Library resources to help prepare grants and reports
- Create alerts from the literature on topics of interest

Please feel free to contact him at:

Will Olmstadt, MS, MPH
Becker Medical Library
362-4734,
olmstadt@wusm.wustl.edu
<http://becker.wustl.edu>

ADULT and PEDIATRIC RESIDENCY PROGRAM

Pediatric Neurology Residency Director

Dr. Brad Schlaggar

I am delighted to announce the results of the pediatric neurology match. We have matched 3 terrific students, including: Nico Dosenbach an MSTP student from here at Washington University, Bryan McGill an MSTP student from Baylor College of Medicine, and Adam Ostendorf a medical student from the University of Iowa. All three will be in our program for 5 years. Please join me in welcoming Nico, Bryan, and Adam.

Adult Neurology Residency Director

Dr. Abdullah Nassief

The Department of Neurology wishes to extend our welcome to the following residents who matched with us for the Neurology Residency Program:

Taha Bali from the University of Damascus (Syria)
Anu Baweja from Government Medical College Patiala (India)

Leah Givens from Washington University
Aisha Khalid from the Aga Khan University Medical Center (Pakistan)
Mesfin Mitike from the Jimma Institute of Health Sciences (Ethiopia)
Scott Norris from the University of Missouri - Columbia
Suzanne Schindler from Washington University
Pablo Valenzuela from the Universidad Del Valle (Colombia)

We must say good-bye to Alejandro Gru, MD who will be leaving the Neurology residency program to pursue a residency in Pathology and welcome to Naim Khoury, MD who will be joining our program. Dr. Khoury is coming to us from Southern Illinois University.

Administrative Chief Residents for 2008-2009:
Patrick Bushard, MD
Manu Goyal, MD

From the Adult Neurology Chiefs
Dr. Taylor Bear and Dr. Lesli Skolarus

Love is in the air for the neurology residents. We would like to announce the marriages of Victoria Shekhtman, Jamika Hallman, Amy Nunnikhoven, Miquel Chuquillin and Alejandro Gru.

We like to Congratulate Rachel Darken on the arrival of her daughter Joanna Marie Darken Funk. We would also like to congratulate Doug Larsen on the arrival of his new daughter Charlotte Sophia Larsen.

We would also like to congratulate Eric Klawiter for receiving the AAN Foundation Clinical Research Training Fellowship.

Vikram Shakkottai will be presenting: Abnormal firing and altered expression of voltage gated sodium channels in Purkinje neurons in a mouse model of progressive Spinocerebellar Ataxia. He will be presenting during the Movement Section of the meeting.

Best wishes to all....
Lesli and Taylor

MEDICAL STUDENT EDUCATION

Medical Student Education

Dr. Allyson Zazulia

The 2007-08 Diseases of the Nervous System course was extremely well-received by the second year medical students, achieving an overall rating of 4.77 out of a possible 5 points. The students praised our knowledgeable and approachable lecturers and appreciated the interaction with faculty during small group sessions. Thank you to all who participated to make the course a

success. The neurology patient H&P sessions just finished up in March. Moving the preceptor meeting to the same day as the students' H&Ps solved the problem of patients being discharged prior to the preceptor meeting, enhancing the educational value of the sessions. Thank you to all the preceptors, with a special thanks to Alex Carter and Arun Varadhachary for filling in at the very last minute when a couple of our preceptors got snowed in.

Thank you also to the neurology and PM&R residents who located patients for the sessions each week. Next up are some neurology-related activities for the first year medical students, with the clinical neuroscience selective in April-May (you may be hearing from first year students interested in shadowing you or seeing them in conferences) and the introduction to the neurologic exam in May (preceptors are already lined up).

GRANTS

Paul Kotzbauer
NBIA Disorders Association
"Combined Disruption of Mouse PANK2 and PLA2GS Genes to Generate an Improved Animal Model of NBIA"
12/12/07-12/11/09

Joel Perlmutter
Barnes-Jewish Hospital Foundation
"Stein Family Chairholder"
10/1/07-9/30/08

Joel Perlmutter
Huntington's Disease Society of America
"HDSA Center of Excellence"
1/1/08-12/31/08

Damien Fair
United Negro College Fund - Merck Science Initiative
"Resting State Functional Connectivity MRI in Development and Disease"
9/1/08-8/31/10

Jessica Church
Tourette Syndrome Association, Inc.
"Medication-Induced Changes in Brain Function in Children with Tourette Syndrome"
4/1/08-3/31/09

Brad Schlagger
Tourette Syndrome Association, Inc.
"Functional Connectivity of Executive Control Networks in Tourette Syndrome"
5/1/08-4/30/09

Diane Damiano
Shriners Hospitals for Children

"Multi-Center Project: FARG 2 - A Cross-Sectional and Longitudinal Study of Strength, Body Composition, and Outcome Assessments in Ambulatory Children with Cerebral Palsy"
4/1/08-3/31/09

Christine Gurnett
March of Dimes
"Gene Discovery in Idiopathic Clubfoot"
2/1/08-1/31/10

Todd Schwedt
National Headache Foundation
"Resting State Functional Connectivity MRI in Patients with Chronic Migraine"
(dates pending)

Robert Baloh
Children's Discovery Institute – New Faculty Recruitment Fund
"Mechanisms of Genetic Neuromuscular Disease"
2/1/2008 – 01/31/2009

Washington University Clinical Nutrition Research Unit
"Caloric Restriction in an Animal Model of MS"
10/01/2007 – 09/30/2008

Michael Diringer
Barnes-Jewish Hospital Foundation
"Effect of Red Blood Cell Transfusion on Brain Metabolism in Patients with Subarachnoid Hemorrhage"
10/01/2007 – 09/30/2008

David Gutmann
US Army
"Neurofibromatosis Consortium (Infrastructure)"
07/01/2007 – 04/31/2012

David Gutmann
Children's Tumor Foundation
"Neurofibromatosis Preclinical Consortium Center Award"
10/01/2007 – 03/31/2008

David Holtzman
AstraZeneca
"Novel Diagnostic and Therapeutic Biomarkers for Alzheimer's Disease"
12/10/2007-01/31/2010

David Holtzman
Forest Research Institute
"Effect of Memantine, Neramexane and the Combination of Memantine and Donepezil on ISF Abeta"
01/11/2008 – 01/10/2009

Timothy Miller
MDA
"Toxicology and Phase I Studies of Antisense ISIS 333611 in Familial ALS"
10/01/2007 – 03/31/2009

Timothy Miller
The Amyotrophic Lateral Sclerosis Association
"Downregulation of SOD1 in the CSF of SOD1G 93A Rats Using Antisense Oligonucleotides"
02/01/2008 – 01/31/2009

We still do not have a clean report on anniversary dates for the department. We greatly apologize for the discrepancies and are actively pursuing a solution to the problem. We will be sure to get the anniversary dates posted on the online Newsletter as soon as possible and are working to prevent future complications.

Thank you so much for your patience with this issue!

Regina Thompson & Kathy Diekmann



Dear Neurology Faculty, Fellows, Residents and Staff—

As always we are pleased to hear so many positive comments following the distribution of the previous newsletters and welcome further comments and suggestions for future issues. Thank you so much.

Michelle Aubuchon
aubuchonm@neuro.wustl.edu