A quarterly news briefing for members and collaborators of the Department of Neurology, University of Colorado School of Medicine.

From the Chair

In the last issue we summarized activities for academic and fiscal year 2012-13. Since the new academic year has just started (July 1), I have focused on a few brief updates for this issue. As noted in the last issue, the 2012-13 academic and fiscal years saw continued growth across all aspects of the Department. New faculty were added in Neuroimmunology (Teri Schreiner, MD jointly with Pediatric neurology), Stroke/Neurohospitalism (Sharon Poisson, MD), and Behavioral Neurology (Jonathan Woodcock, MD). The start of the new academic year has been marked by the arrival of Enrique Alvarez, MD, PhD (Assistant Professor, Neuroimmunology section) and Marius Birlea, MD (Assistant Professor, General Neurology section). Marius will be working to develop a Headache Center at UCH and will partner closely with Sita Kedia, MD and her program in pediatric headache at Children’s Hospital. Recruitment interviews already in progress include faculty positions in the Neurohospitalist, Epilepsy, and Movement Disorders programs. New clinical programs being developed, in addition to Headache, include a new "TIA" clinic (Dr. Simpson), a new Neuro-Palliative Care clinic (Dr. Kluger), a joint ‘Young Adult’ Stroke clinic with Pediatric Neurology (Drs. Poisson and Bernard), and a new Epilepsy Surgery Planning Clinic (Dr. Drees). We are also still awaiting word from UCNS on applications for approval of new fellowships in Neuro-oncology, and Neuromuscular Pathology, which should be available by July, 2014.

As noted in the last newsletter, FY13 saw significant increases in clinical activity at UCH with charges and collections up over 15% and wRVUs up nearly 12% compared to FY12. Early indicators from the first two months of FY14 suggest a more modest pattern of growth with wRVUs currently up about 8% and charges up 6% compared to the same period in FY13. In part this may reflect the impact of changes occurring nationally related to reductions in reimbursement and coding alterations in critical procedural areas including EMG/NCV studies and components of EEG and EEG monitoring.

On the education front, a new weekly clinical conference (Professor’s Rounds) was inaugurated in July and meets Friday mornings. These conferences feature a resident-run detailed case presentation. Faculty help focus and expand the discussions. Cases are typically presented as “unknowns” with an emphasis on the approach to diagnosis and management as the history, exam, and diagnostic studies unfold. The conference concludes with a final synopsis of the topic by both residents and faculty (departmental and guest). Some of the cases presented to date include CJD, ALS-dementia, West Nile virus encephalitis, autoimmune encephalitis, and toxemia of pregnancy with PRES-like leukoencephalopathy. These conferences are open to all members of the Department and everyone is specifically invited and encouraged to attend; as noted the cases have been terrific.

The Department’s Quality and Process Improvement Program (Q-PIP), led by Steven Ringel, MD, continues to be one of the most active in the School of Medicine. As noted in recent newsletters, every division has at least one QI/PI initiative, and several groups have presented during Grand Rounds. Individual faculty have won awards for projects from either the SOM’s Institute of Healthcare Quality Safety and Effectiveness (IHQSE) (Jennifer Simpson, MD) or the combined UCH/SOM small grants program (Drs. Kluger, Shrestha, Simpson and Poisson). The arrival of Laura Palmer, BS, this month to serve as the Department’s Manager of Quality Improvement and Analytics (she joined us from the School of Public Health and Colorado Foundation for Medical Care) will help us continue to develop data driven models for QI/PI.

Both clinical and more basic research programs continue to be successful and growing. A list of active clinical trials can be found on the Department website. The newest addition to our NIH grant portfolio comes from Benzi Kluger, MD (Associate Professor, Movement Disorders), who was awarded a K02 "Independent Scientist” Career Development Award from NINDS; his proposal was entitled, “Intrinsic cortical networks and cognitive dysfunction in Parkinson’s disease”.

Welcome Newcomers!

NEW CLINIC Providers

We are pleased to introduce Anastacia Wall, PA-C, who is joining the clinical team at Rocky Mountain Multiple Sclerosis Center at the Anschutz Medical Campus. Anastacia completed her undergraduate and
professional training at the University of Washington in Seattle. Her first position was as a Neuro-Hospitalist at Swedish Neuroscience Institute (SNI); a Comprehensive Stroke Center. She then transitioned to outpatient Neurology, seeing patients with a focus in Neuro-Immunology. While in Seattle, she developed and served as chairperson of both the Swedish Medical Center Advanced Practice Clinician Executive Council and the SNI Neuroscience Advanced Practice Clinician Committee. She enjoys heading to the mountains with her husband, two children, and Chesapeake Bay Retrievers.

NEW ADMINISTRATORS AND PRAs

Irina Alimova, PhD, has joined Dr. Jackson’s lab and is working with XT 101 and the ST100b vaccine as alternative treatments for MS. She earned her PhD from the Institute of Bioregulation and Gerontology at St. Petersburg’s Russian Academy of Medical Sciences. Her eight years of experience on our campus include studies in breast cancer and brain cancer in the Departments of Pathology and Pediatric Hematology/Oncology. Dr. Alimova enjoys spending time with her family, and is a world traveler who is especially fond of the oceans and their beaches.

Matthew Bishop recently graduated Magna Cum Laude with a degree in Business Management from Metropolitan State University of Denver, and joined the Neurology Department in mid-August as an Administrative Assistant to Drs. Bennett, Birlea, Filley, Nagel and Woodcock. He went to college after separating from the United States Marine Corps, where he was a Calibration Technician, specializing in Weapons Systems Test Sets. Working in Neurology is his first position within the healthcare industry. In his free time, he enjoys any outdoor sporting activities, winter or summer, and most importantly working on improving his golf game.

Kathryn Connelly joins the MS group as the new NeuroNEXT coordinator. She received her Bachelor of Science in Psychology from the College of Charleston in 2011. For the past two years she has worked as a research assistant in the Department of Psychiatry at Washington University in Saint Louis. Kathryn is excited to explore Colorado and take advantage of all the outdoor adventures the State has to offer.

Anna Heintzman, BA, joined the Gilden lab as a PRA in August and will be working on IHC and other projects. She came to the department via the TB/NTM lab at National Jewish; and department of Bacteriology and Immunology at the University of Helsinki-Meihiati. She is a classically trained musician and an avid skier.

Courtney Knapp writes, “I will be the lead PRA for the CD40, Tygris, Johnson & Johnson and Biorepository studies with the MS team. I received my bachelor's degree in Neuroscience from CU Boulder and have worked at the Children’s Hospital for the past 5 years. Due to my affinity for drawing blood, I have already been deemed "the vampire" around clinic. The pursuit of knowledge is my passion, and I am excited to join this amazing team that is conducting such ground breaking research!”

Laura Palmer joins us from Colorado School of Public Health. She is excited about becoming the Department’s first Quality and Process Improvement Manager. Laura was a previous Director of Quality Improvement and Analytic Services at the Colorado Foundation for Medical Care and has over 15 years of quality improvement experience. Much of Laura’s prior work involved national level projects focusing on quality care of the elderly. She enjoys cycling, gourmet cooking, and improving her tennis game.
Jill Rupp recently moved from San Antonio, Texas with her husband Quintin, who just began an orthodontic residency here at the Dental School. A Brigham Young University graduate who worked in research at the University of Texas Health Science Center at San Antonio (UTHSCSA), Jill joins our MS group as a PRA. She enjoys playing the violin, reading, photography, and hiking.

Kristin Schaller, PhD, earned her B.A. in Biology from Washington University in St. Louis and her PhD in Biophysics and Genetics from the University of Colorado Health Sciences Center. Much of her research has focused on sodium channel Nav1.6; she identified, cloned, and characterized Nav1.6, which is present not only in the soma and axon of neurons, but also in dendrites and is the principal sodium channel at nodes of Ranvier. In addition, she studied the role of the plasminogen system and its inhibitor neuroserpin in the degradation of Abeta protein in Alzheimer’s disease. After years of research with a basic neuroscience focus, she is enjoying the transition to a translational research focus and the technical challenges in Dr. Bennett’s lab of identifying novel targets for the autoantibodies in NMO. In her free time, Kristin enjoys gardening and spending time in the beautiful Colorado outdoors with her husband Steve and their four children.

Jessica Tegeler joins us as the Administrative Assistant for the Movement Disorders group. Jessica previously worked at Children’s Medical Center of Dallas as the Team Leader for a Multi-Specialty clinic. She recently moved to Denver with her fiancé and 4 month old daughter Noel. She enjoys spending her free time running, hiking and enjoying the beautiful outdoors that Colorado has to offer.

Deandra Walker writes, “As the new PRA for Dr. Mark Burgoon, I will seek to investigate the immune response in multiple sclerosis to understand what role humoral immunity is playing and eventually, the cause of the disease. In my spare time, I enjoy hiking and camping, reading, and photography. I am very excited to have become a member of the Neurology team and I look forward to getting to know everyone.”

Teresa White joined Dr. Gilden’s lab as a PRA. She recently received her Bachelors of Science in Biology from the University of Iowa, where she worked as a research assistant in a psychiatric genetics laboratory for three years. In her free time, she enjoys biking, hiking, and keeping up with college football.

Awards and Publications

William Jones, MD, has been appointed by Governor Hickenlooper to the Colorado Stroke Advisory Board. This Board was originally created in 2002 by the legislature (house bill 02-1125) to "evaluate potential strategies for stroke prevention and treatment and develop a statewide needs assessment outlining relevant resources". The purview of the Board includes making recommendations for acute stroke care in CO based on evidence based data, evaluating how to implement strategies for care including a stroke center system, studying the economic and health benefits of early stroke therapy and the negative health and economic impacts of delayed or inappropriate therapy. By law the panel's membership includes five physicians, one each from the specialties of neurology, neurosurgery, neuroradiology, emergency medicine and primary care, as well as a variety of other representatives involved in stroke care or representing stroke patients. Congratulations, Dr. Jones!

In July, Randall Cohrs, PhD presented the VZV Foundation keynote presentation at the 38th International Herpesvirus Workshop in Grand Rapids, MI. On August 28th, he gave a presentation about the importance of the shingles vaccine at the Denver Tech Center Kiwanis Club breakfast. In the interim, he and Dr. Joel Rovnak (CSU) were awarded an NIH R13 conference support grant to help fund the 2014 Rocky Mountain Virology Association meeting in Pingree Park.
The Department boasts several members who are editors of important journals in the field. Edited by John R. Corboy, MD, Neurology: Clinical Practice, the first “spoke” journal of Neurology, has expanded to 6 issues per year. Focused articles now include a series of “Practice across Borders”, highlighting how neurologists in different countries treat common problems; “Statistics for Neurologists”; “Five new things”; and a new venture of thematic issues on a variety of timely topics.

Neurology Today, a biweekly periodical of the American Academy of Neurology (AAN) since 2001, reports neurological research, education and public policy issues. Medical journalists write the majority of stories and include balanced commentary from experts. Steven P. Ringel, MD was instrumental in founding the publication and has served as Associate Editor from 2001-2009 and as Editor-in-Chief since 2010. Neurology Today offers print, on-line and IPad versions and includes audiotape and videotape interviews. Kenneth L. Tyler, MD serves as Associate Editor; John R. Corboy, MD is on the editorial board; and Christopher M. Filley, MD contributes book reviews.

The Resident & Fellow Section of the journal Neurology provides a venue for current trainees to report interesting cases and also serves as a repository for teaching material relevant to fellows, residents, and students. This section includes traditional written articles but also other formats such as slideshow presentations, videos, images, audio podcasts, weekly "e-pearls," mystery cases, and more. Cliff Hampton, MD serves as Assistant Editor for this section and is currently involved with the "Pearls and Oyster-ers" and "Ethics" sections. He also reviews submissions to the journal.

Outpatient Clinical Director Dr. Laura Strom, Epilepsy Division Administrative Assistant Linda Friedman, and Director of Finance and Administration Kathy Illian, are among the team who will be honored at an October 11th breakfast for receiving The President’s Award for Rock Solid Economics from John Harney, UCH President and CEO. The team, comprised of UCH and SOM representatives, had the opportunity to implement an automated process to improve the percentage of referrals converted into appointments by standardizing and improving the efficiency of the process, not to mention improving the service provided to our referring physicians and our patients. In addition to saving reams of paper and hours of sorting through documentation, redundant faxing has been reduced by 200 a month. The new process has helped CTAs better manage their workload, quickly and accurately respond to referral questions, and improved communications and efficiency.

Neurosciences 2013, the University of Colorado Hospital’s Achievement Report highlighting the 2012 activities of the Clinical Neurosciences Program, is available to read on the Neurology website; hard copies are available at your request. The report highlights our clinical expertise and accomplishments in quality, safety, clinical care and research.

Brian Berman, MD, received a travel award for the Movement Disorder Society 17th International Congress. Movement Disorders Fellow, Jessica Hedeman, MD, and medical student, Tom Ragole, received travel awards to the Movement Disorder Society Conference.

View a list of the Department’s recent publications.

In Our Clinics

Q-PIP in full swing (by Dr. Steven Ringel and Dr. Jennifer Simpson)

Our Quality and Process Improvement Program (Q-PIP) took a major step forward with the addition of Laura Palmer as manager of our program. Laura comes to us with a wealth of experience, as she previously was the Director of Quality Improvement and Analytic Services for Colorado’s Quality Improvement Organization (QIO), the Colorado Foundation for Medical Care. Laura has a thorough understanding of quality and performance improvement concepts and techniques and extensive experience in the collection, interpretation and use of health care data for quality improvement purposes.

Q-PIP is initially focusing on organizational steps to streamline QI/PI efforts of faculty, residents and staff, including:

- Standard forms will be used to describe projects and identify ongoing timelines for project completion and subsequent checks to ensure improvements are sustained.
- A central data warehouse will be developed that allows interface with Epic data.
- Ongoing data reports will support QI/PI projects and be made available for grant applications, manuscripts and Maintenance of Certification (MOC) Performance in Practice (PIP) requirements.
- Assistance will be provided to QI/PI teams that seek IRB approval or waiver so they can publish data.
- Clarification of the need for patient consent will be provided on a project specific basis.
- Laura will assist each QI/PI team in the design and implementation of projects.
- The Q-PIP Committee will meet monthly to review new projects and monitor progress of ongoing projects.
There are currently more than 20 quality improvement projects ongoing in the Department. Not all of the study leads are experts in quality methodologies, so a Q-PIP Committee has been formed to support the projects. At the last Committee meeting, two exciting new projects were discussed.

Victoria Pelak, MD, described her project to promote weight loss in patients with idiopathic intracranial hypertension. Previously, the Neuro-ophthalmologists did not have a standardized approach to weight loss counseling. The first PDSA (Plan-Do-Study-Act) intervention is to provide patients with a referral to the Wellness Center for the diagnosis of obesity, ensuring that patients receive the same information about weight loss. The measure of success will be weight loss in a pre/post-intervention design. The Committee members participated in a lively discussion with suggestions about her PDSA cycles, recommending that the scope be kept reasonably narrow and to begin thinking about interventions for PDSA cycle #2.

Cliff Hampton, MD, PGY2, and Trevor Hawkins, MD, PGY1, presented a project idea to help improve HCAHPS scores on the inpatient unit. Medication education has had low scores on this patient survey over the past three years, typically with scores ranging between 61 and 63%. The intervention is targeted at ten of the most commonly prescribed medications on the neurosciences unit. Patient handouts have been created. Champions are being enlisted from Nursing, and Neurology Residents will be educated about the importance of medication education on multiple levels. Feedback from the group included specific triggers to implement the forms. Questions posed by the inpatient QI team were answered by the faculty members.

Do you have a project that should be presented at an upcoming Q-PIP Committee meeting? Please contact Laura Palmer (Laura.Palmer@ucdenver.edu, 303-724-8287) to schedule!

Jonathan Woodcock, MD and Hunt Potter, PhD have received approval for the Leukine clinical trial for Alzheimer’s Disease. This will be the first clinical trial in the rapidly expanding Alzheimer’s Disease program, and others are anticipated.

Eryn Lonnquist, MD is continuing her Behavioral Neurology & Neuropsychiatry fellowship, and in the second year she will primarily be acquiring advanced skills in clinical research at the Denver VAMC. At the University, Dr. Lonnquist is working on the development of a highly innovative program in Functional Neurologic Disorders, and she is also evaluating patients with Alzheimer’s Disease and other dementias.

At the beginning of September, Dr. Cornelia Drees initiated the Epilepsy Surgery Planning Clinic, managing concerns regarding surgery to ensure patients are obtaining the proper testing and guiding them through the surgical process from start to finish. Along with Rhonda DeBellow, Nurse Navigator, they have already worked with nearly 20 patients.

Brian Berman, MD will present at the national Spasmodic Torticollis Meeting in Atlanta next month. He will also participate in the Dystonia Patient Education Program in Colorado in November.

Be sure to visit the new Movement Disorders Center website, with links to patient, program and faculty information and resources. Members of the University of Colorado Movement Disorders Center may be students, residents, fellows, or faculty of the University of Colorado or affiliated institutions. Membership may be considered for persons outside of the University of Colorado system if they are actively collaborating with or planning to collaborate with Center faculty. Individual members must be involved in research, clinical, outreach or educational activities connected with the mission of the Center. Benefits of membership include mailings on upcoming seminars and lectures; facilitation of collaborative research with Center faculty; and eligibility for research funding through the Center when available.

UCH Hospital launched a Headache Clinic in July. Open Mondays through Thursdays and already seeing a dozen patients each day, the clinic is directed by Marius Birlea, MD. With over a third of patient encounters in the Neurology Clinic for head pain, and more than half of those for migraine, Dr. Birlea says the need for the Headache Clinic is clear. The Clinic sees referrals from general practitioners and other specialties and follows a multidisciplinary approach to care, collaborating with other UCH Departments.

As part of his effort to establish a Headache Center, Dr. Birlea is organizing a visit from the American Headache Society on October 11, 2013. David W. Dodick, MD, Professor of Neurology, Mayo Clinic College of Medicine; Chair, American Migraine Foundation; President-Elect, International Headache Society; and Vice-Chair, World Federation of Neurology Headache Research Group, will present an “Update in migraine research and treatment” from 8:00-9:00 AM, in RC2 Room 3109, and all are welcome to attend. Dr. Dodick and his team will also meet with faculty to learn about our current headache program and offer guidance in building a center.

The Edge on Education

Residency Recruitment Update (~by Dr. Augusto Miravalle)

Interview season has begun! The residency MATCH opened to applicants and residency programs on September 15th. In the first week since, we had already received 266 applications, with over 130 US graduates, a 10% increment compared to last year. Most importantly, the quality of the applicants is outstanding, with impressive academic and personal accomplishments. The following Universities are among the most common places from which we’ve received applications: University of Texas – Houston (7); Chicago Medical School (4); Kansas City University (4); University of Rochester (4); University of Texas Southwestern (4); Baylor College (3); Indiana University (3); Medical College of Georgia (3); University of Colorado (3); University of Oklahoma (3); University of Texas – San Antonio (3); and Wayne State University (3).
We are pleased to announce that Dr. Dianna Quan agreed to become a new member of the residency Interview Committee, joining Drs. Tyler, Anderson, West, Mohler and Miravalle. Dr. Quan has been extremely involved in residency education and became an instrumental member of the Residency Clinical Competency Committee. We are certain that her experience will be fundamental in her new role as Interview Committee Member.

Also new this year is the role that Matt West, MD will have in our Interview Committee. Dr. Suzanne Brandenburg, Program Director for the Internal Medicine Residency Program, agreed to have Dr. West interview applicants as a member of the Internal Medicine (IM) Department. Given that Matt has experience as a resident in IM, and currently holds dual appointments in Neurology and Internal Medicine, we agreed to have him represent faculty from IM during the interview season. This change will likely result in improved schedules and less down time during the interview days.

**SAVE THE DATE: November 8th** is the first day for resident interviews. Like last year, we will have a social event during lunch time intended to introduce the applicants to our residents, fellows and faculty members. This event is usually the highlight of the day. Your participation is greatly appreciated! We will send reminders closer to the dates with details on time and location. The remaining interview dates are: **November 15; December 4, 9 and 17; and January 6 and 13.**

Lastly, we would like to remind Department members of the expected professional standards during interview season. The National Resident Matching Program (NRMP) maintains the highest professional standards in the conduct of its Matches and in its interactions with all participants and expects all Match participants to conduct their affairs in an ethical and professionally responsible manner. You can review the complete report at the NRMP site. Click this [link](#) to learn about the most commonly reported NRMP regulations violations during interview season.

**Professors’ Rounds Series (by Chief Resident Mario Cerdan-Trevino, MD and Cliff Hampton, MD, PGY2)**

We are excited to announce a new resident educational activity this year titled “Professor’s Rounds.” This program offers the opportunity to present and discuss interesting cases seen by our residents. We are hoping to highlight the thought processes behind working with these interesting patients and would really like to have input from all our faculty members to help us develop our clinical judgment on these cases. Conference will be held every Friday morning from 7:30 to 8:30 AM (except the 3rd Friday monthly, which is Stroke Conference) at UCH in AIP 2 room 1.780. Refreshment and coffee will be provided - please come and contribute to our education!

On September 20th, Dr. Brice McConnell presented “Woman with Hemidystonia,” including a live patient, which allowed the audience to witness an expert take a history and perform a physical examination. The discussion was led by special guest Michael Okun, MD, who is Co-Director for the Center for Movement Disorders & Neuro-restoration and Professor of Neurology, Neurosurgery, Psychiatry and History at the University of Florida. Dr. Okun illustrated with extreme detail and proficiency the differential diagnosis of patients presenting with hemi dystonias. He reviewed localization, anatomy, and phenomenology of dystonias, and reviewed all possible causes.

![Residents and faculty attend the September 20th Professor's Rounds](image)

The 3rd Movement Disorders Video Conference, sponsored by the Colorado Society of Clinical Neurologists, was held on September 16, 2013. The Department also sponsored a day-long CME event September 21st in Englewood, on Epilepsy and Non-Parkinson Movement Disorders, with keynote speaker Michael Okun, MD, who presented "Lessons Learned in Neuromodulation," and Joseph Drazkowski, MD, who presented "Loss of Awareness: Implications for Driving."

**SAVE THE DATES! Willie Weinstein Day** is scheduled for Friday, February 7, 2014, and our day-long Research Retreat will be held on June 4, 2014.

**On the Research Front**

**Clinical Studies (by Dr. Timothy Vollmer)**

The Department of Neurology's clinical research programs continue to grow. There are currently 119 funded clinical studies within the Department; 80 are active and 39 are in the startup stage. The core support for clinical research continues to evolve as we move to make it easier for faculty to develop and implement clinical research including preparation of funding proposals. In addition to IRB/Regulatory and Financial management teams, we have implemented study start up teams and moved Alexander Stein into a newly created position to work directly with faculty to prepare and submit funding applications. We have posted a position for a Master's prepared statistician to join the department. Follow this [link](#) to a summary of key members of the core clinical research team and their responsibilities. Faculty is encouraged to contact them regarding any issue related to clinical research.
Since August 2012, Dr. Laura Strom has been the Principal Investigator in a trial treating patients with partial or generalized epilepsy with Midazolam as a rescue therapy for treatment of seizure clusters. Midazolam is an already approved benzodiazepine used IV for seizures, among other uses, and is being investigated now in a new formulation. It is given as a nasal spray being studied as an at-home rescue treatment. To be eligible for the study, the patient must have a reliable caregiver who will be trained to administer the intranasal spray and monitor the patient for post-sedation. Recruitment is challenging, because competent and willing caregivers are hard to find. However, due to a substantial seizure cluster population in the University epilepsy clinic, her site has been very successful in enrolling. Thus, Dr. Strom is nationally recognized as a top recruiter, with 5 patients enrolled in the main study and 2 active patients in the extension study. This trial is expected to close enrollment in early 2014, which provides ample time to screen more patients, even possibly double the numbers! To refer individuals for the study, please contact Kristen Lervik, PRA, at kristen.lervik@ucdenver.edu.

The Rocky Mountain Multiple Sclerosis Center (RMMSC) is launching a prospective, open label, non-randomized observational study focused on neuroimmunology patients ranging from age 10 and older. Treatment assignment will be consistent with RMMSC faculty best practices consensus guidelines. We will administer NeuroQOL and other PROs on at least an annual basis to assist Providers in understanding the outcomes of their therapeutic interventions from the patient perspective. The goal of this project is to improve patient care through long term outcome studies and comparative efficacy studies, while also decreasing practice variability. If you have inquiries regarding this program, please contact Brooke Valdez, PRA, at brooke.valdez@ucdenver.edu.

What is the exercise “dose” needed to change the brain of Parkinson’s patients? Benzi Kluger, MD and Brian Berman, MD are members of an NIH-funded, three-year, multi-site trial addressing this question. Read more about the study in the CU Medicine Today Magazine. Timothy Vollmer, MD and John Corboy, MD discuss research and new treatments at the Rocky Mountain MS Center that are halting, and in some cases reversing, nerve damage. Watch for an article featuring Dr. Berman’s Dystonia study to be featured in the upcoming edition.

Follow this link for EPIC tips how to enroll a patient in a research study and to associate the encounter with the correct study. To view the Department’s listing of current open clinical studies, follow this link.

The Office of Research Development and Education (ORDE) has an updated New Investigator Funding Opportunities e-book, featuring nearly 75 opportunities in many disciplines with each entry updated to reflect the latest information. Other e-Books in this Series are Pilot Project Funding and Sabbatical Support Funding Opportunities.

Contact NEURO-NEWS

Please send articles, comments, and suggestions to Co-Editors Kathy Illian, MA and Diane Strong, MBA at: Neurology-newsletter@ucdenver.edu