

Department of RESEARCH PROGRAMS

at Walter Reed National Military Medical Center



VOLUME 1, ISSUE 3

What I Do Matters!

MAY 2014

Welcome to the Department of Research Programs May 2014 newsletter!

DRP is happy to announce winners for the Annual Research and Innovation Competitions. To view winners for the Bailey K. Ashford (BKA) and Robert A. Phillips (RAP) awards, please visit the DRP Intranet News page. This month's newsletter is our largest to date and includes a bonanza of information on events within and in collaboration with DRP. This month will be LTC Nayback-Beebe's last month as the Acting Chief of DRP before moving on to her new assignment as the Director, Education, Training, and Research, at Fort Belvoir, Virginia. We wish her well!

In addition to input from each of our sections, in this month's issue we are proud to highlight the DRP Educational Curriculum 2014 and the 2nd Annual Aware for All Day that was held in the America Building. Also provided in this month's newsletter is guidance on making use of the Web Services Department, which is located here in Building 17, and a listing of SharePoint and other mini-courses taught by Hospital Education and Training (HEAT) at WRNMMC.

Of particular interest to researchers this month is the announcement of funding opportunities available. Researchers are encouraged to visit our Intranet site and review funding opportunities that you can apply for. Directions for accessing our Intranet site are provided, so you can't miss.

We conclude this month's issue with snapshots of the April Poster Displays in Building 9, Awards for DRP members, and a listing of all March 2014 WRNMMC publications where you will now be able tell which authors (among the many contributing authors) are WRNMMC contributors.

Feel free to send your comments or recommendations on the newsletter to gregory.g.greer.ctr@health.mil

Please enjoy and thank you for reading DRP's newsletter.

Happy Spring!

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Message from the Chief

April was a busy month for the Department of Research Programs! I'd like to take this opportunity to thank all those who contributed their time and support to celebrate WRNMMC Research and Innovation Month. Our goal was to highlight WRNMMC's robust clinical research portfolio and emphasize the tremendous contributions that research, evidence based practice, and quality improvement projects make toward improving the health of our military beneficiaries and the quality of services provided at our institution.



We kicked off the month with Aware for All, a celebration honoring those who make the conduct of clinical research possible: research study volunteers. That was followed by a week of poster displays that demonstrated the exemplary work conducted by interns, residents, fellows, and WRNMMC staff in the areas of clinical and bench research, case reports, and evidence based practice and quality improvement projects. Winners in each category were selected to present their work at a two-day research symposium. And finally, scientists from across the National Capital Region presented their work during the WRNMMC Spring Research Summit on April 29, 2014.

Ann M. Nayback-Beebe, PhD
LTC, AN, USA
Acting Chief, Department of Research Programs

Building 17A and 17B – Department of Research Programs, 3rd and 4th Floor of Building 17B



Biomedical Research Laboratory (BRL)



CDR Janine R. Danko, MD, MPH
Chief, Biomedical Research Lab

Scientists and technicians of the Biomedical Research Laboratory recently held the 2nd Annual WRNMMC “Molecular Biology Laboratory Short Course.” The course included three sessions, each with a didactic lecture and lab practicum. The course provided the basis for and hands-on experience in commonly used techniques and cutting-edge technologies in molecular biology research, such as the polymerase chain reaction (PCR), reverse transcription (RT-PCR), and real-time quantitative PCR. Additionally, the course exposed students to practical uses of these techniques in clinical research, and introduced students to the many capabilities of the BRL, including the skillset of the scientists on staff.

Registration began in early January and the class quickly filled. Most of the sixteen students were WRNMMC-based, comprising a mix of graduate medical education trainees, staff clinicians, research scientists, or laboratory technicians. The course faculty received fantastic feedback from the participants about the course and its value. The BRL plans to open registration January 2015 for the next scheduled course in March 2015.



Center for Nursing Science & Clinical Inquiry (CNSCI)



COL Jeffrey S. Ashley, AN, PhD
Chief & Senior Nurse Scientist

Updates

- MAJ Hyatt's manuscript "Chasing the Care: Soldiers Experience Following Combat-Related Mild Traumatic Brain Injury" was accepted for publication by *Military Medicine*.

- MAJ Hyatt has been invited to submit a full proposal by USAMRC, in response to her scientific submission to the Broad Agency Announcement seeking research proposals.
- COL Ashley has conducted two full-day EBP 101 courses for Unit Practice Council in conjunction with Ms. Cantrell, Clinical Librarian, Darnall Medical Library

Incoming Staff

- LTC Brenda Yost will be transferring from Tripler Army Medical Center (TAMC), Honolulu, HI
- CDR Justin McGuire will be transferring from Uniformed Services University (USU), Bethesda, MD

Institutional Review Board (IRB) Operations Office



Debarati Dasgupta
Director of IRB Operations

The IRB Handbook is now posted in the WRNMMC - Documents for Researchers library in IRBNet.

Research team members are encouraged to become familiar with the IRB policies and procedures. The IRB Operations Office will conduct an educational seminar for the research community addressing topics addressed in the IRB Handbook.

Interested in IRB Membership?

The WRNMMC IRBs are comprised of highly dedicated individuals from WRNMMC staff and other Federal agencies, as well as community members, and are charged with protecting the rights and welfare of human subjects participating in research studies for which the WRNMMC IRB is the IRB of record. Each IRB is responsible for reviewing, approving, and monitoring research involving human subjects to ensure that all research complies with the letter and spirit of human subject protections laws and regulations.

If you or someone you know is interested in IRB membership, please contact Debbie Dasgupta at 301-400-0692 or debarati.dasgupta.civ@health.mil

Research Administration



Jeremy Nelson
Administrator
 Directorate of Education, Training, & Research

Mr. Jeremy Nelson, Contracting Officer's Representative (COR) for DRP, hosts Meet & Greet for Defense Health Program Infrastructure Funded Contract Contractors.

Everyone on the team introduced themselves and described their position and responsibility in DRP. COL Michael R. Nelson and LTC Nayback-Beebe led discussion concerning the roles and responsibilities of DRP's new contract employees with a view towards the future. Input and feedback was received from everyone on the team. COL Nelson was able to gather valuable input and determine metrics required that will be required from everyone, for reporting purposes. Welcome Contractors!



Featured from left to right: Jeremy Nelson, COR; Gregory Greer, Technical Editor; Venetta Jones, Contracts Management Specialist; Alison Griffin, Clinical Research Auditor; Robert Taylor, Scientist; Cristina Caplinger, Scientist; Brandi Benford, Chemist; Steve Ross, Grants Manager; Robert Roogow, Clinical Research Auditor; Sumana Dey, Scientist; Lisa Potts, Grants Writer; and Minoou Rouhanian, Biostatistician.



Research Protocol Development



LCDR Ruben D. Acosta, MC
Chief, Research Protocol Development

The purpose of the Research Protocol Development section is to assist investigators in creating the best research protocols they can, prior to submission to the IRB. Assisting in this mission are Protocol Review Specialists, Biostatisticians, a Technical Editor, and the Office of Research and Technology Applications (ORTA). Please let us know how we can help you in your research endeavors.

FAQ #1: What is the purpose of the Service Chief Review of Research Protocol submissions?

In order to ensure that proposed research has the necessary internal support to be successful, Directors or Service Chiefs must review, approve, and sign-off on IRBNet protocol submissions for all research being conducted within their departments. We encourage investigators and department leaders to use the scientific and DRP administrative reviewer checklists to ensure that their research protocol is fully developed and meets institutional standards before submitting the protocol for review by the IRB or Determinations Official (DO).

Department leaders should encourage individual investigators to use the DRP Protocol Outreach Program and to schedule department-level research education and training through DRP.

FAQ #2: Who is authorized to perform a Scientific Review of a Research Protocol and what purpose does this review serve?

Scientific review of non-exempt research is a DoD requirement. In our training environment, it is also valuable to develop a culture of scholarly review to ensure research projects will result in valid data. All protocols must undergo scientific review via one of the following pathways:

- 1) WRNMMC Central Scientific Review Committee (SRC)
- 2) WRNMMC Topic-Based Scientific Review (TBSR) Committees
- 3) Peer Review: If your protocol was rigorously, scientifically peer-reviewed by another authority, such as a granting agency (e.g., NIH, CDMRP, NCI, etc.), this review may be accepted, if uploaded into IRBNet.

Both the central SRC and the TBSR committees are comprised of Subject Matter Experts and representatives from various departments and academic disciplines at WRNMMC. Please see the WRNMMC Scientific Review Process HRPP Memorandum for more details.

Scientific review of your protocol serves two functions:

- 1) To ensure that the scientific question posed in a research proposal is clear and the design of the study is appropriate to answer the research question. This determination must be made prior to IRB approval.
- 2) To ensure that DoD and Command resources are being utilized only in support of sound scientific inquiries.

Research Oversight and Compliance Office (ROCO)



Mary Kelleher
Chief, ROCO

I recently heard an investigator quip that navigating through the research review and approval process is akin to running through a maze blindfolded. Sadly, I do recognize sometimes that may seem all too true – you face obstacles at every turn and despite best efforts, end up at an apparent dead end.

Please know that we are making every effort to provide the research community with “maps” (i.e., forms, templates, instructions, etc.) to guide you through the maze of regulatory and ethical compliance. Think of DRP and in particular the ROCO as your research GPS system. Yes, sometimes the navigation may include some “recalculating” as projects and relationships evolve, but we are here to help you get to your research destination safely and efficiently.

And so we look to you to help us identify ways to improve our “maps”; please let us know of topics/issues that you would like to see covered in training or guidance documents. We also welcome Subject Matter Experts in various areas related to research who would be willing to teach or train others. Please e-mail Dr. Deb Murphy (deborah.a.murphy.ctr@health.mil) or me (mary.kelleher.civ@health.mil) with your suggestions

FEEDBACK PLEASE – Whether you attend an outreach program, training session, or have 1-on-1 interaction with a member of our team, please take a moment to complete our customer satisfaction survey at the following link: <https://www.surveymonkey.com/s/9YNGMMP>. Thank you for your time and candid feedback!

FREE Webinar – Internet Research

The Department of Health and Human Services (HHS) Office of Human Research Protections (OHRP) is offering a free webinar on Thursday, 8 May 2014, titled “Conducting Internet Research: Challenges and Strategies for IRBs” (and Investigators). See the DRP calendar on the WRNMMC public website for details.

This webinar will discuss strategies for managing the relevant ethical issues and regulatory considerations, including:

- Assessing the privacy and identifiability of subject information obtained via the Internet;
- Use of the Internet for subject recruitment and retention;
- Informed consent procedures; and
- Maintaining confidentiality in an online environment.

To log in, go to <http://videocast.nih.gov>. If you require technical support during the webinar, please call 301-496-4357 (local), 866-319-4357 (toll-free), or 301-496-8294.

NEW FORMS and INSTRUCTIONS available in IRBNet library and DRP Intranet site.

FORM - Request to rely on an External IRB – Purpose is to assist investigators engaged in multi-site or collaborative research and should be completed and uploaded into IRBNet for each new project when the WRNMMC IRB will not be the reviewing IRB. This applies to reliance on DoD IRBs as well as non-DoD IRBs.

POLICIES & PROCEDURES - Documentation of Delegation of Authority by the Principal Investigator (PI) – Purpose is to establish the requirements for documentation of delegation of authority by the PI to clinical research personnel.

DRP Educational Curriculum 2014



Deborah Murphy, PhD

Academic Research Education Coordinator

Daniel Rosen

IRB Coordinator

On the first Tuesday of every month, a one-hour Department Orientation class for DRP newcomers is offered. Some of you may have been here for a while yet need to better understand the context of your role, key contacts, requirements, maps, etc. The next Department Orientation class is on 6 May 2014, 1100-1200, Room 3083, Bldg. 17.

Please see following “DRP.edu Curriculum.” It is “dynamic” – meaning that we are responding to great suggestions regarding adding classes/subjects, and we are welcoming SMEs to assist in introducing our users/learners to a broad range of topics.

Everyone who participates in these “introductory” classes gets information, guidance, hints, support, handouts – and CERTIFICATES!

Deb Murphy, Academic Research Education Coordinator

DRP.edu Curriculum

Submitting a Publication for Clearance	Wednesdays 1100-1130	Room 3083, Bldg. 17
Registering in CITI	Thursdays 1100-1130	Room 3083, Bldg. 17
Meeting the MERF	Thursdays 1130-1230	Room 3083, Bldg. 17
Designing a Protocol	Mondays 1100-1130	Room 3083, Bldg. 17
Submitting a Research Protocol	Mondays 1130-1200	Room 3083, Bldg. 17
Creating and Producing a Poster	Tuesdays 1100-1130	Room 3083, Bldg. 17
Orientation to DRP	1 st Tuesday/month 1100-1200	Room 3083, Bldg. 17
How to Conduct Research at WRNMMC	On-Demand	
Research Roundtable (DRP updates)	3 rd Tuesday/month 1200-1300	Room 2525A, Bldg. 19
Reach Out (IRBNet support)	3 rd Thursday/month 1100-1300	Lobby Hallway, 1 st Floor, Bldg. 19
USUHS Programs	Please call for updates	

Please register in advance by contacting Daniel Rosen by phone or email: (301) 295-8258 or daniel.g.rosen.civ@health.mil.

2nd Annual Aware for All



The 2nd Annual Aware for All was hosted in the America Building again this year. At this annual event, DRP recognizes and celebrates research study volunteers – without whom we would not be able to conduct research. Their participation makes the advancement of military medicine possible. In addition, Aware for All honors WRNMMC researchers and key research personnel, Centers of Excellence, research centers, and the foundations who support them. At this educational event, members of the WRNMMC research community presented their research, handed out brochures, flyers, and takeaways; some even showed video presentations and demos. COL Roop kicked off the event by providing inspirational opening remarks, and COL Nelson and LTC Nayback-Beebe presided over a cake-cutting ceremony at noon.

This was a highly successful festivity in which volunteers, researchers from the military community, service members, and beneficiaries participated.

Web Services Department in Building 17

The Web Services Department (WSD) is located in the basement of Building 17A.

WSD develops custom applications and websites for DRP.

WSD's responsibilities for DRP include:

- Develop, test, maintain, and enhance the DRP Internet and Intranet sites.
- Grant DRP SharePoint-based Intranet/Internet permissions to DRP site owners who are responsible for updating those sites.
- Ensure the integrity of DRP's Intranet/Internet sites by not granting direct permission to users requesting the site, instead site-owner information is shared with users so users may contact site owners to request permission to a site/resource.
- Create new SharePoint-based Intranet sites where the new site is merely a template so that DRP teams can customize the sites.¹
- Customize graphics and logo designs.
- Create customized page layouts.
- Initiate search engine-optimized content management systems.
- Support application migration and porting.

Through **Service Now/I Support** (WSD's trouble ticketing system), WSD has a system in place to create and enhance pages on the WRNMMC Internet site. This allows WSD to partner with the WRNMMC Public Affairs Office (PAO) to approve and release content in a timely manner. For such requests:

1. Go to the Walter Reed National Military Medical Center Intranet page at **<https://www.wrnmmc.intranet.capmed.mil/SitePages/home.aspx>**
2. Click on the **ITD Helpdesk Submit a Ticket** button on right and you will be redirected to the **Service Now** homepage.
3. From there, click on **Service Catalog**
4. Under the **Web Services** header you will find a list of pertinent service requests.

If you have a WSD-related issue, DRP employees can create new tickets and set the assignment group to **Web Team**. This will bypass the usual hierarchy and the ticket will go directly to the WSD queue and will be handled by the first available developer.

¹ The Hospital Education and Training (HEAT) team can be contacted by calling Rebecca Croyle at 319-4602 or by email: rebecca.e.croyle.civ@health.mil For major restructuring of the DRP Intranet site, please contact HEAT.

Spring into Action with SharePoint



Microsoft SharePoint 2010 is a convenient solution for sharing electronic files, information, calendars, and more! Following are some of SharePoint 2010's capabilities:

- Accessibility – Your SharePoint site is accessible at any WRNMMC computer. When you log-on SharePoint is there!
- Shared Documents – SharePoint offers a centralized location to store collaborative documents allowing real-time updates by colleagues. A great tool for group projects and tasks!
- Sites – Create a SharePoint Intranet site where WRNMMC staff can easily locate frequently requested information and forms. Also announce upcoming events and initiatives. Get the word out instantly!
- SharePoint 2010 offers many more efficient features that will save you time; and serves as a user-friendly centralized location for your department and customers.

Spring into a SharePoint Class Today!

To enroll, and for additional class dates contact:

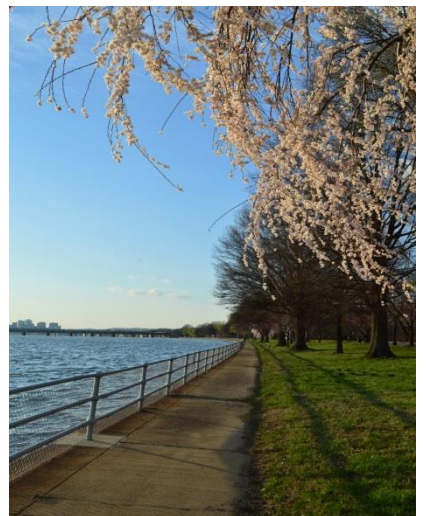
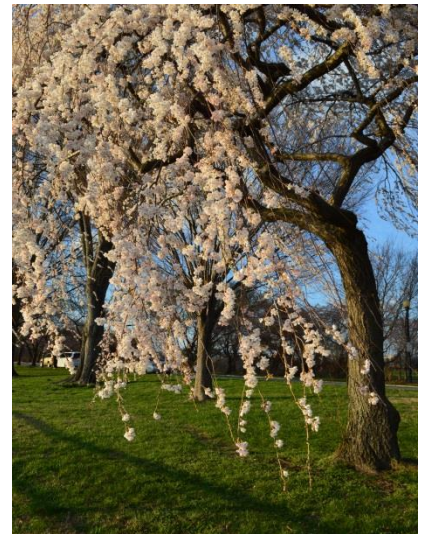
Mrs. Rebecca Croyle
 Email: rebecca.e.croyle.civ@health.mil
 Phone: 301-319-4602

For more information, please visit:

<https://www.wrnmmc.intranet.capmed.mil/EducationTrainingResearch/HEAT/SitePages/ComputerTraining.aspx>

You will also note a host of other useful course offerings, including:

- Access I Beginning
- Access II Intermediate
- Access III Advanced
- Excel I Beginning
- Excel II Intermediate
- Excel III Advanced
- Outlook I Beginning
- Outlook II Advanced
- PowerPoint I Beginning
- PowerPoint II Intermediate
- PowerPoint III Advanced
- Word I Beginning
- Word II Advanced



Accessing the DRP SharePoint-based Intranet Site

To access the DRP Intranet site click the “Research” on the Education Training & Research page as follows:

STEP 1. CLICK ON “RESEARCH”

STEP 2. ACCESS DEPARTMENT OF RESEARCH PROGRAMS INTRANET SITE

Funding Opportunities Now Available!

Looking for funding opportunities?

DRP has added links to its Intranet home page of available funding opportunities. Announcements for Congressionally Directed Medical Research Program (CDMRP) and TriService Research Program (TSNRP) Program Announcements have been posted.

Department of Research Programs

Home

Welcome to the Department of Research Programs

For further information about conducting research at WRNMMC, or if you wish to submit a research protocol or a request for publication clearance, or if you wish to review key documents, please click [WRNMMC Public Website, Department of Research Programs](#).

Please note our SharePoint library pages under the Libraries menu on the left.

Funding opportunities now available!

Congressionally Directed Medical Research Program (CDMRP)

Bone Marrow Failure Research Program (BMFRP): <http://cdmrp.army.mil/pubs/press/2014/14bmfprpreann.shtml>

Multiple Sclerosis Research Program (MSRP): <http://cdmrp.army.mil/pubs/press/2014/14msrppreann.shtml>

Contacts

Location
Building: 17B
Floor: 3
Suite: 3C

Phone
(301) 295-8239/8219

Hours of Operation
Monday through Friday
0700 - 1630

[Research Programs Calendar](#)

2nd Annual Poster Displays and Competitions

This annual event offers a forum for making accessible some of the extraordinary work that WRNMMC Researchers and Innovators are conducting. Following last year's successful Poster Displays and Competitions, this year's Competitions were equally successful and brought out considerable attendance.



General Clark Announces and Recognizes Winners in All 2014 Research and Innovation Competitions



Department Awards April 2014



(Upper left) Ms. Angela Quispe, Research Support Specialist, receives Certificate of Appreciation for Customer Service during the recent AHRPO Audit

(Upper right) Dr. Deborah Murphy, Academic Research Education, receives Certificate of Appreciation for her education and outreach efforts



LCDR Acosta (Left) and CDR Danko (Right) receive Certificates of Appreciation for their work in a course offered by the Allergy-Immunology/Immunization Service in 2013

March 2014 WRNMMC Publications

WRNMMC authors are in **bold**.

Brietzke SE. Individualized clinical practice guidelines: the next step in the evidence-based health care evolution? *Otolaryngol Head Neck Surg*. 2014;150:342-5.

Cohee BM, Hartzell JD, Shimeall WT. Achieving balance on the inpatient internal medicine wards: a performance improvement project to restructure resident work hours at a tertiary care center. *Acad Med*. 2014 Mar 24. [Epub ahead of print]

Cohen SP. Con: I would not perform another ESI in this patient. *Pain Med*. 2014 Mar 17. [Epub ahead of print]

Dolomisiewicz EA, Miller ME, Potter BK. Fulminant heterotopic ossification after combat-related amputation: a report of 2 cases. *PM R*. 2014;6:279-83.

Drinkwater DC, Davidson-Moncada J, Heckendorn E, Myers J, Whitman TJ. A patient with ulcerated nodules on his face. *Clin Infect Dis*. 2014;58:901-2.

Eliasson AH, Kashani MD, Howard RS, Vernalis MN, Modlin RE. Fatigued on Venus, sleepy on Mars-gender and racial differences in symptoms of sleep apnea. *Sleep Breath*. 2014 Mar 15. [Epub ahead of print]

Greer LT, Rosman M, Charles Mylander W, et al. A prediction model for the presence of axillary lymph node involvement in women with invasive breast cancer: a focus on older women. *Breast J*. 2014;20:147-53.

Hendershot BD, Wolf EJ. Three-dimensional joint reaction forces and moments at the low back during over-ground walking in persons with unilateral lower-extremity amputation. *Clin Biomech* (Bristol, Avon). 2014;29:235-42.

Hohenforst-Schmidt W, Zarogoulidis P, Vogl T, et al. Cone Beam Computertomography (CBCT) in interventional chest medicine - high feasibility for endobronchial realtime navigation. *J Cancer*. 2014;5:231-41. (WRNMMC author: **Browning R**)

Hulten E, Bittencourt MS, Ghoshhajra B, et al. Incremental prognostic value of coronary artery calcium score versus CT angiography among symptomatic patients without known coronary artery disease. *Atherosclerosis*. 2014;233:190-5.

Kang DG, Lehman RA Jr, Bevevino AJ, Gaume RE, Purcell RL, Dmitriev AE, Lenke LG. Pedicle screw "Hubbing" in the immature thoracic spine: a biomechanical and micro-computed tomography evaluation. *J Pediatr Orthop*. 2014 Mar 1. [Epub ahead of print]

Kang DG, Wagner SC, Lehman RA Jr. Osteolysis in the setting of metal-on-metal cervical disc arthroplasty. *Spine J*. 2014 Mar 7. [Epub ahead of print]

Lucas DJ, Ejaz A, Haut ER, Spolverato G, Haider AH, Pawlik TM. Interhospital transfer and adverse outcomes after general surgery: implications for pay for performance. *J Am Coll Surg*. 2014;218:393-400.

Malat G, **Jindal RM**, Mehta K, Gracely E, Ranganna K, Doyle A. Kidney Donor Risk Index (KDRI) fails to predict kidney allograft survival in HIV (+) recipients. *Transplantation*. 2014 Mar 11. [Epub ahead of print]

Mammen MP, Lyons A, Innis BL, et al. Evaluation of dengue virus strains for human challenge studies. *Vaccine*. 2014;32:1488-94.

(WRNMMC authors: **Chung RC, Staler J**)

Moawad FJ, Schoepfer AM, Safroneeva E, **Ally MR, Chen YJ, Maydonovitch CL, Wong RK**. Eosinophilic oesophagitis and proton pump inhibitor-responsive oesophageal eosinophilia have similar clinical, endoscopic and histological findings. *Aliment Pharmacol Ther*. 2014;39:603-8.

Mygatt J, Sesterhenn I, Rosner I, et al. Anterior tumors of the prostate: clinicopathological features and outcomes. *Prostate Cancer Prostatic Dis*. 2014;17:75-80.

(Additional WRNMMC author: **McLeod D**)

Nagle KF, Helou LB, **Solomon NP**, Eadie TL. Does the presence or location of graphic markers affect untrained listeners' ratings of severity of dysphonia? *J Voice*. 2014 Mar 11. [Epub ahead of print]

Nelson JM. Quality measurement and improvement in colon and rectal surgery. *Clin Colon Rectal Surg*. 2014;27:3-4.

O'Boyle AL, Dicarlo-Meacham A, **Hernandez S**. Minimally invasive management of retropubic bleeding and hematoma evacuation after a TVT secur or mini-sling procedure. *Female Pelvic Med Reconstr Surg*. 2014;20:119-20.

O'Brien BS, McNally MP, Duncan JE. Controversies surrounding quality measurement in colon and rectal surgery. *Clin Colon Rectal Surg*. 2014;27:26-31.

Prince LK, Abbott KC, Green F, et al. Expanding the role of objectively structured clinical examinations in nephrology training. *Am J Kidney Dis*. 2014 Mar 7. [Epub ahead of print]

(Additional WRNMC authors: **Little D, Nee R, Oliver JD 3rd, Bohem EM, Yuan CM**)

Reyes-Gordillo K, Shah R, Arellanes-Robledo J, et al. Mechanisms of action of acetaldehyde in the up-regulation of the human $\alpha 2(I)$ collagen gene in hepatic stellate cells: key roles of ski, SMAD3, SMAD4, and SMAD7. *Am J Pathol*. 2014 Mar 15. [Epub ahead of print]

(WRNMMC authors: **Hernández-Nazara Z, Rojkind M**)

Smith AB, Horkanyne-Szakaly I, **Schroeder JW**, Rushing EJ. From the radiologic pathology archives mass lesions of the dura: beyond meningioma-radiologic-pathologic correlation (1.). *Radiographics*. 2014;34:295-312.

Solomon BD, Baker LA, **Bear KA**, et al. An approach to the identification of anomalies and etiologies in neonates with identified or suspected VACTERL (vertebral defects, anal atresia, tracheo-esophageal fistula with esophageal atresia, cardiac anomalies, renal anomalies, and limb anomalies) association. *J Pediatr*. 2014;164:451-457.

(Additional WRNMMC author: **Cunningham BK**)

Weintrob AC, Weisbrod AB, Dunne JR., et al. Combat trauma-associated invasive fungal wound infections: epidemiology and clinical classification. *Epidemiol Infect*. 2014 Mar 18:1-11. [Epub ahead of print]

(Additional WRNMMC authors: **Rodriguez CJ, Malone D, Warkentein TE, Wells J**)

Vertrees A, Elster E, Jindal R, Ricordi C, Shriver C. Surgical management of modern combat-related pancreatic injuries: traditional management and unique strategies. *Mil Med*. 2014;179:315-9.

von Elten KA, Duran LL, Banks TA, Collins LC. Systemic inflammatory reaction after pneumococcal vaccine: a case series. *Hum Vaccin Immunother.* 2014;10(6). [Epub ahead of print]

van Ryn M, Phelan SM, Arora NK, et al. Patient-reported quality of supportive care among patients with colorectal cancer in the veterans affairs health care system. *J Clin Oncol.* 2014;32:809-15.
(WRNMMC author: **Jindal RM**)

Villines TC, Min JK. Comparing outcomes and costs following cardiovascular imaging: a SPARC...but further illumination is needed. *J Am Coll Cardiol.* 2014;63:1009-10.

Yarmish GM, Smith MP, Rosen MP, et al. ACR appropriateness criteria right upper quadrant pain. *J Am Coll Radiol.* 2014;11:316-22.
(WRNMMC author: **Cash BD**)

Zack JM, Fults M, Saxena H, Green B. Factitial dermatitis due to the "salt and ice challenge". *Pediatr Dermatol.* 2014;31:252-4.