

**Appendix 1 - Peer Reviewed Publications – Faculty CMED  
2014-2015 (Does not include CMU-Health Faculty)**

- Tran I, Inzer Ni, Ji C, Min, T, Tang D and **Vij N.** 2014 Cigarette smoke induced aggresome---formations mediates COPD---emphysema pathogenesis. AJRCMB (m/s in communication).
- Rossignol J,** Crane AT, Fink KD, Dunbar GL (2014) Will Undifferentiated Induced Pluripotent Stem Cells Ever have Clinical Utility? **J Stem Cell Res Ther** 4: 189
- Fink KD, Crane TA, **Rossignol J,** Lévêque X, Dues DJ, Huffman LD, Moore AC, Story DT, Dejonge RE, Antcliff A, Hulse TD, Lu M, Lescaudron L, Dunbar GL. (2014) Intrastratial transplantation of adenovirus-generated induced pluripotent stem cells for treating neuropathological and functional deficits in a rodent model of Huntington’s disease. **Stem Cells Translational Medicine,** 3(5):620-31.
- Fink KD, **Rossignol J,** Lu M, Lévêque X, Hulse TD, Crane AT, Nerriere-Daguin V, Wyse RD, Starski PA, Schloop MT, Dues DJ, Witte SJ, Song C, Vallier L, Nguyen TH, Naveilhan P, Anegon I, Lescaudron L, Dunbar GL. (2014) Survival and Differentiation of Adenovirus-Generated Induced Pluripotent Stem Cells Transplanted into the Rat Striatum. **Accepted Cell Transplantation Epub:** ~~KSWLHFW~~  
~~QKWFH QDPFW~~  
~~YHNR 6~~
- Lowrance SA, Fink KD, Crane A, Matyas J, Dey ND, Matchynski JJ, Thibo T, Reinke T, Kippe J, Hoffman C, Sandstrom M, **Rossignol J,** and Dunbar GL (2014) Bone Marrow Derived Mesenchymal Stem Cells Attenuate Cognitive Deficits in an Endothelin-1 Rat Model of Stroke **Accepted Restorative Neurology and Neuroscience**
- Crane AT, **Rossignol J,** Dunbar GL, (2014) Use of genetically altered stem cells for the treatment of Huntington's disease. **Brain Sci.,** 4, 202-219
- Wyse RD, Dunbar GL, **Rossignol J.,** Use of Genetically Modified Mesenchymal Stem Cells to Treat Neurodegenerative Diseases (2014) **Int. J. Mol. Sci.,** 15(2), 1719-1745
- Fink KD, **Rossignol J,** Crane TA, Davis KK, Bombard MA, Bavar AM, Clerc S, Lowrance SA, Song C, Lescaudron L, Dunbar GL. Transplantation of Umbilical-Cord-Blood-derived Mesenchymal Stem Cells into the Striata of R6/2 Mice: Behavioral and Neuropathological Analysis.(2014) **Stem Cell Research &Therapy,** 4:130
- Rossignol J,** Fink KD, Davis KK, Clerc S, Crane AT, Matchynski JJ, Lowrance SA, Bombard MA, DeKorver N, Lescaudron L, Dunbar GL. (2014) Mesenchymal and adult neural stem cell transplantations in a transgenic rat model of Huntington’s disease. **Stem Cells** 32(2):500-9.
- Rossignol J,** Fink KD, Crane AT, Davis KK, Bombard MA, Clerc S, Bavar AM, Lowrance SA, Song C, Witte S, Lescaudron L, Dunbar GL. (2015) Reductions in Behavioral Deficits and Neuropathology in the R6/2 Mouse Model of Huntington’s disease following Transplantation of Bone-Marrow-Derived Mesenchymal Stem Cells is Dependent on Passage Number. **Stem Cell Research &Therapy** 19;6(1):9.
- Dunkerson J, Moritz KE, Young J, Pionk T, Fink K, **Rossignol J,** Dunbar G, Smith JS. (2014) Combining enriched environment and induced pluripotent stem cell therapy results in improved cognitive and motor function following traumatic brain injury. **Restor Neurol Neurosci.** 32(5):675-87.

- Ma ZQ, **Fisher MA**, Kuller LH. School-based HIV/AIDS education is associated with reduced risky sexual behaviors and better grades with gender and race/ethnicity differences. *Health Educ Res.* 2014;29:330-339.
- Fisher MA**, Ma ZQ. Multiple chronic conditions: Diabetes associated with comorbidity and shared risk factors using CDC WEAT and SAS analytic tools. *J Prim Care Community Health.* 2014;5:112-121.
- Achike FI**, Smith J, Leonard S, Williams J, Browning F, Glisson J. (2014). Advancing safe drug use through interprofessional learning (IPL): a pilot study. *Journal of Clinical Pharmacology* XX (XX) 1-8.
- Burns CM**, McCormack WT, Wragg S. TBL Oversight for Continuous Quality Improvement and Acceptance. *Medical Science Educator.* (2014) DOI:10.1007/s40670-014-0033-2
- Yoon MH, **Burns CM**, Michaelsen VE. Team-Based Learning in Different Classroom Settings. *Medical Science Educator.* (2014) DOI: 10.1007/s40670-014-0024-3
- Burns CM**, Shisler JL. TBL – Global Health Microbiology. Team-Based Learning Collaborative . <http://www.julnet.com/tbladmin/modulebank/webpages/burns.html>
- Conway, M.J.**, Watson, A.M., Colpitts, T.M., Dragovic, S.M., Li, Z., Wang, P., Feitosa, F., Shepherd, D.T, Ryman, K.D., Klimstra, W.B., Anderson, J.F., and Erol Fikrig. 2014. Mosquito Saliva Serine Protease Enhances Dissemination of Dengue Virus in the Host. *J. Virol.* 88(1): 164-75.
- Ryndock EJ, **Conway MJ**, Alam S, Gul S, Murad S, Christensen ND, Meyers C. Roles for human papillomavirus type 16 11 cysteine residues 161, 229, and 379 in genome encapsidation and capsid stability. *PLoS One.* 2014 Jun 11;9(6):e99488. doi: 10.1371/journal.pone.0099488. eCollection 2014.
- Alam S, Bowser BS, Israr M, **Conway MJ**, Meyers C. Adeno-associated virus type 2 infection of nude mouse human breast cancer xenograft induces necrotic death and inhibits tumor growth. *Cancer Biol Ther.* 2014 Aug;15(8):1013-28. doi: 10.4161/cbt.29172. Epub 2014 May 16.
- Meyers J, Ryndock E, **Conway MJ**, Meyers C, Robison R Susceptibility of high-risk human papillomavirus type 16 to clinical disinfectants. *J Antimicrob Chemother.* 2014 Jun;69(6):1546-50. doi: 10.1093/jac/dku006. Epub 2014 Feb 4.
- Conway, M.J.**, Colpitts, T.M., and Erol Fikrig. 2014. Role of the vector in arbovirus transmission *Ann. Rev. Virol.* 1: 71-88.
- Dai R, Rossello R, Chen CC, Kessler J, Davison I, **Hochgeschwender U\***, Jarvis ED. Maintenance and Neuronal Differentiation of Chicken Induced Pluripotent Stem-Like Cells. *Stem Cells International* 2014: 182737, 2014. \*co-corresponding author
- M-C Maroun, R Ososki, J C Andersen, and **J P Dhar**, Eltrombopag as steroid sparing therapy for immune thrombocytopenic purpura in systemic lupus erythematosus *Lupus* 0961203314559632, first published on November 21, 2014 as doi:10.1177/0961203314559632
- Flanagan, S., **McKee, E. E.**, Das, D., Tulkens, P. M., Hosako, H., Fiedler-Kelly, J., Passarell, J., Radovsky, A. , and Prokocimer, P. Nonclinical and pharmacokinetic assessments to evaluate the potential of tedizolid and linezolid to affect mitochondrial function (2014) *Antimicrobial Agents and Chemo* 59: 178-185.
- Kamath, V. G., Hsiung, C. H., Lizenby, Z. J., and **McKee, E.E.** Heart Mitochondrial TTP Synthesis and the Compartmentalization of TMP. (2014) *J. Biol. Chem.* Epub ahead of print, DOI 10.1074/jbc.M114.624213.

- Loh W.M., Ling W.C., Murugan D.D., Lau Y.S., **Achike F.I.**, Vanhoutte P.M., Mustafa M.R. (2015) Des-aspartate angiotensin I (DAA-I) reduces endothelial dysfunction in the aorta of the spontaneously hypertensive rat through inhibition of angiotensin II-induced oxidative stress. *Vasc. Pharmacol.*  
<http://www.sciencedirect.com/science/article/pii/S1537189115000531>
- Clements, John M.**, Aaron M. McCright, Thomas Dietz, Sandra Marquart-Pyatt. 2015. A Behavioural Measure of Environmental Decision Making for Social Surveys.” *Environmental Sociology* doi: 10.1080/23251042.2015.1020466.
- Clements, John M.**, Aaron M. McCright, and Chenyang Xiao. 2014. “An Examination of the ‘Greening of Christianity’ Thesis within the U.S. General Public, 1993-2010.” *Journal for the Scientific Study of Religion* 53(2):373-391.
- Fisher MA**, Ma ZQ. Medicaid insured and uninsured were more likely to have diabetes emergency/urgent admissions. *Am J Managed Care.* 2015;21:e312-e319.
- Ma ZQ, **Fisher MA**. Characteristics driving higher diabetes-related hospitalization charges in Pennsylvania. *Am J Managed Care.* 2014;20:e408-e417.
- Kayla J. Renier, Sandra M. Troxell-Smith, **Jamie A. Johansen**, Masahisa Katsuno, Hiroaki Adachi, Gen Sobue, Jason P. Chua, Hong Sun Kim, Andrew P. Lieberman, S. Marc Breedlove, Cynthia L. Jordan, “The androgen receptor antagonist flutamide rescues mice from androgen-dependent disease in three models of SBMA” *Endocrinology* 2014 Jul;155(7):2624-34. PMID: 24742193
- TJ Kao, GC Nicholl, **Jamie A. Johansen**, A Kania, Asim A Beg, “ $\alpha$ 2-Chimaerin Is Required for Eph Receptor-Class-Specific Spinal Motor Axon Guidance and Coordinate Activation of Antagonistic Muscles” *J Neurosci.* 2015 Feb 11;35(6):2344-57.

#### **Books:**

*Stem Cells and Neurodegenerative Diseases* Editors: Laurent Lescaudron, **Julien Rossignol**, And Gary Dunbar Cat/ISBN: K21667/9781482210736, March 2014 Taylor & Francis Group, LLC

## Appendix 2 - Presentations National and International – CMED Faculty 2014-2015

(Does not include CMU-Health Faculty)

### Invited Presentations

- N Vij** - FAMRI Young Clinical Scientist Award Invited Lecture: First- and Second-Hand Smoke Induced Aggresome formation Mediates COPD emphysema Pathogenesis, FAMRI 13th Annual Symposium, May 6-8<sup>th</sup> 2014 (Miami, Florida).
- N. Vij (Invited Speaker). Airway access for pulmonary nanomedicine: challenges and therapeutics strategies. NHLBI (NIH) Workshop: Precision Therapeutics Delivery for Lung Diseases: State of the Art Technologies and Lung Biology. Sept 24---25, 2014, Bethesda, MD.
- Perkowski L, **Burns CM**. Leadership Education and Development (LEAD) Certificate Program. Module 1: Setting Direction. Central Group on Educational Affairs (GCEA) Cleveland, OH 2014.
- Burns CM**, Koles P. Peer Feedback and Evaluation: All About Accountability. Team-Based Learning Collaborative (TBL-C). Fort Worth, TX, 2014.
- M.J. Conway** - Mosquito Saliva Protease Activity Enhances Dissemination of Dengue Virus in the Host. 2013. Northern Michigan University, Marquette, MI.
- J. Alan** Invited Lecture. Drug discovery, evaluation, safety; Principles of drug selection. April 2015. Western Michigan University, Kalamazoo, MI.
- Griffin, D.P.** (2015, May). *Developing an integrated organ system curriculum using student-led case-based learning complemented with team-based learning*. Presentation at the 5th International Conference of the Association of Biochemistry Course Directors (ABCD): Teaching Biochemistry to Students of Medicine, Pharmacy, and Dentistry, Santa Fe, NM. *After submitting our poster abstract, I was asked to give an invited talk at a session of the conference.*

### Abstracts/Presentations:

- Tran I, Inzer Ni, Ji C, Min, T, Tang D and **Vij N**. First- and Second-Hand Smoke Induced Aggresome-formation Mediates COPD-emphysema Pathogenesis, American Thoracic Society 2014, San Diego CA (COPD Pathogenesis, May 19).
- Achike FI**, Bailey J. (2014). Making sense of test cut-off points: standard setting in medical education Workshop (No 3FS1) to be organized and facilitated at the 18th Annual Meeting of the International Association Medical Science Educators (IAMSE). 7<sup>th</sup> -11<sup>th</sup> June 2014. Sheraton Music City Hotel, Nashville, TN, USA.
- Achike FI**. (2014). Interprofessional education for safe drug use. Workshop for the 17<sup>th</sup> World Congress of the International Union of Basic and Clinical Pharmacology (IUPHAR). 13<sup>th</sup> - 18<sup>th</sup> July, 2014, International Convention Center, Cape Town, South Africa (**Withdrawn – no funding**)

Crane AT, Fink KD, Grace KA, Antcliff AK, Neale AC, Wyse R, **Rossignol J**, Dunbar GL, Adenovirus-Generated Induced Pluripotent Stem Cells Are Not Effective in Ameliorating Deficits Following Transplantation in the 51CAG Transgenic Rat Model of Huntington's Disease (2014) **Cell Transplantation** 23 Suppl 1:767.

**Maya O. Tree, Kristopher J. Kieft, Dexter, R. McKellar, Alan M. Watson, Kate D. Ryman, and Michael J. Conway.** Insect-Specific Flavivirus Infection is Restricted by Innate Immunity Pathways in the Mammalian Host. Oral presentation at the 34<sup>th</sup> Annual Meeting of the American Society for Virology in London Ontario, Canada.

\***Maya O. Tree, Nico Conti, Kristopher J. Kieft, and Michael J. Conway.** Role of an Endogenous Viral Polymerase in a Vector Mosquito. Poster Presentation at the 63<sup>rd</sup> Annual American Society for Tropical Medicine and Hygiene Conference in New Orleans, LA.

**Griffin** - Griffin, D.P. "Vaccine for Prostate Cancer." Urology Nursing 2014: A Two Day Educational Event for Working Nurses. Bloomington, MN, Nov 13-14, 2014.

**F. Achike**\*Organizer/Facilitator Workshop on, "*The challenges in adopting, managing and sustaining PBL.*" 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

**F. Achike** Moderator of Symposium on, "*Advancing PBL in the Asia-Pacific region- the journey so far.*" 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

**F. Achike** Presenter of Symposium on, "*PBL Clinic: Expert consultation.*" 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

**F. Achike** Organizer/Facilitator, Workshop on "*Use of the doctoring course to assist novice learners with integration in the preclinical years.*" 2014 Association of American Medical Colleges (AAMC) Medical Education Meeting. Swissotel Chicago, Chicago, IL, 6-7 November 2014.

**F. Achike** Organizer/Facilitator, Workshop on "*Standard setting for performance based assessment.*" 2014 Directors of Clinical Skills conference (in association with the 2014 AAMC conference). Northwestern University Feinberg School of Medicine, Chicago, IL, 7 November 2014.

Andrea Troupin, **Michael J. Conway**, Michel Ledizet, Christopher Roundy, Berlin Londono-Renteria, Abigail Jordan, Erin Cloherty, Mir Bear-Johnson, Crystal Grippin, Erol Fikrig, and Tonya M. Colpitts. Dengue virus infection of *Ae. aegypti* requires a cysteine-rich venom protein. Poster Presentation at the 63<sup>rd</sup> Annual American Society for Tropical Medicine and Hygiene Conference in New Orleans, LA.

Alan M. Watson, **Michael J. Conway**, and Kate Ryman. Mosquito Saliva Enhances Infectivity of Yellow Fever Virus. Poster Presentation at the 63<sup>rd</sup> Annual American Society for Tropical Medicine and Hygiene Conference in New Orleans, LA.

Identifying Regulators of the Oncogene CHW-1 using *C. elegans*. **Lizette Baeza<sup>1</sup> and Jamie K. Alan<sup>2</sup>**. <sup>1</sup>Central Michigan University, Mt. Pleasant MI, <sup>2</sup>College of Medicine, Central Michigan University, Mt. Pleasant MI (poster) **AND**

Characterization of Atypical Small GTPases and a New Take on Drug Discovery and Development. **Jamie K. Alan**. College of Medicine, Central Michigan University, Mt. Pleasant MI (oral presentation) 2<sup>nd</sup> Annual Michigan *C. elegans* meeting: January 2014, Holland, MI.

- Translating the biophysics of molecular switches: Signaling Mechanisms and Inhibition of Ras and Rho GTPases, Identifying Regulators of the Oncogene CHW-1 using *C. elegans*. *Lizette Baeza*<sup>1</sup> and *Jamie K. Alan*<sup>2</sup>. <sup>1</sup>Central Michigan University, Mt. Pleasant MI 48869, <sup>2</sup>College of Medicine, Central Michigan University, Mt. Pleasant MI 48869 ASBMB, July 2014, Richmond, VA (Poster)
- Neuronal Development, Synaptic function and behavior, The atypical Rho GTPase CHW-1 works downstream of SAX-3/Robo to mediate axon guidance in *Caenorhabditis elegans*. *Jamie K. Alan*<sup>1,2</sup>, *Erik L. Lundquist*<sup>2</sup>. 1) Foundational Sciences, Central Michigan University College of Medicine, Mt. Pleasant, MI; 2) Molecular Biosciences, University of Kansas, Lawrence, KS. *C. elegans* topic meeting, July 2014, Madison, WI (poster)
- M.J. Conway, Tonya Colpitts, and Erol Fikrig. Elucidating the Interactome of Dengue Virus and mosquito Salivary Gland Proteins and its Role in Transmission to the Host. Oral presentation at the 32<sup>nd</sup> Annual Meeting of the American Society for Virology in State College, PA.
- Michael R. Rowland MD<sup>1</sup>, Neli P. Ragina, PhD<sup>2</sup>, Joy Sarkar MD<sup>1</sup>, Catherine F T Uyehara, PhD<sup>1</sup> and Anthony J. Senagore, MD Is arginine/asymmetric dimethyl arginine ratio depletion an indicator of insufficient resuscitation in a porcine model of hemorrhage –reperfusion. Central Surgical Association Conference March, 2014.
- Michael R. Rowland MD<sup>1</sup>, Neli P. Ragina, PhD<sup>2</sup>, Joy Sarkar MD<sup>1</sup>, Catherine F T Uyehara, PhD<sup>1</sup> and Anthony J. Senagore, MD. Elevated plasma ADMA levels may exacerbate pulmonary hypertension in a porcine mode of severe hemorrhagic shock. Society of Military Surgeons, Meeting, April, 2014
- Rossignol J.**, Dunbar G.L. Use of adult stem cells in Huntington’s disease, HD Society of America Michigan Chapter, LANSING, U.S.A. (2014)
- Kaya CB, Rossignol J. *Neuronal and neural stem cell marker expression in mesenchymal stem cell*. Great Lakes International Imaging and Flow Cytometry 23, OCONOMOWOC, WI (2014)
- Moore A.C, Crane A.T, Lu M., Dunbar G.L, Rossignol J. *Transplantation of genetically altered mesenchymal stem cells over expressing human and mouse brain derived neurotrophic factor in the R6/2 transgenic mouse model of Huntington’s disease*. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014).
- Menosky M., Decker S., Shall G., Welchko R., Leveque X., Rossignol J., Dunbar G.L. *Use of induced-pluripotent stem cells as a potential therapy for Parkinson’s disease*. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014).
- Crane A.T, Wyse R., Shall G., Moore S., Moore A., Fink K., Lu M., Dunbar G.L, Rossignol J. *Generation and characterization of mouse adenovirus induced pluripotent stem cells utilized for transplantation into the YAC128 mouse model of Huntington’s disease*. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014).
- Huffman L.D, Dues D. J. , Crane A., Idyle K. R., Dwenger E. S., Fink K. D., Rossignol J., Dunbar G. L. *Bone marrow-derived mesenchymal stem cells in the suppression of highly proliferative glioblastoma multiforme*. 43<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)
- Parker S., Welchko R., Rossignol J., Lu M., Dunbar G. L. *The utilization of Engrailed 1 in developing neurons for cell replacement therapy in Parkinson’s Disease*. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)
- Watters JW, Welchko R, Shall G, Parker S, Jeakle M, Siegel L, Rossignol J, Lu, M, Dunbar GL. *The co-culturing of dopamine-like cells with glia to improve cellular replacement*

- treatment in Parkinson's disease patients. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)*
- Shall, G., Welchko, R., Baker, K., Decker, S., Menosky, M., Rossignol, J., Leveque, X., Dunbar, G.L. *Generation of dopaminergic neurons from rat bone marrow derived mesenchymal stem cells. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)*
- Welchko R., Shall G., Parker S., Huo W., Watters J., Jeakle M., Siegel L., Jones-Camp N., Dues D., Dai D., Leveque X., Rossignol J., Lu M., Dunbar G.L. *Trans-differentiation of mesenchymal stem cells into dopaminergic neurons via adenoviral transfection. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)*
- Matyas J. J., Rechenberg A., Lowrance S. A., Rossignol J., Dunbar G. L. *Behavioral phenotypes in the 5xFAD mouse model of Alzheimer's disease and their relation to amyloid-beta plaque load. 44<sup>th</sup> Society for Neuroscience Meeting, WASHINGTON D.C. U.S.A (2014)*
- Shall, G., Welchko, R., Baker, K., Decker, S., Menosky, M., Rossignol, J., Leveque, X., Dunbar, G.L. *Generation of dopaminergic neurons from rat bone marrow derived mesenchymal stem cells. Grand Challenges in Parkinson's disease. GRAND RAPIDS, MI (2014).*
- Watters J., Welchko R., Shall G., Stewart A., Jeakle M., Siegel L., Parker S., Dai D., Hulse T., Dues D., Leveque X., Lu M., Rossignol J., Dunbar G.L. *Beneficial outcomes of co-culturing adenovirus-induced mesenchymal stem cells with astrocytes to produce dopamine-like cells. Grand Challenges in Parkinson's disease. GRAND RAPIDS, MI (2014).*
- Welchko R., Shall G., Parker S., Watters J., Siegel L., Huo W., Jeakle M., Reterstorf K., Jones-Camp N., Culver R., Dai D., Dues D., Hulse T., Leveque X., Rossignol J., Lu M., Dunbar, G.L. *Trans-differentiation of mesenchymal stem cells into dopaminergic neurons for cell replacement therapy. Grand Challenges in Parkinson's disease. GRAND RAPIDS, MI (2014).*
- Rechenberg A., Lowrance S., Welchko R., Hall T., Matchynski J., Matyas J., Reinke T., Thibo T., Hoffman C., Yelick K., Hulse T., Laberdee A., Story D., Dues D., Rossignol J., Dunbar G. *Effects of CXB909 in the 5xFAD mouse model of Alzheimer's disease. 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).*
- Crane A.T., Fink K.D, Grace K.A., Grace A.G., Antcliff A.K, Neale A.C, Wyse R, Rossignol J, Dunbar G.L. *Transplantation of adenovirus generated induced pluripotent stem cells are not effective in ameliorating deficits in the 51 CAG transgenic rat model of Huntington's disease. 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).*
- Shall, G., Welchko, R., Baker, K., Decker, S., Menosky, M., Rossignol, J., Leveque, X., Dunbar, G. *Generation of dopaminergic neurons from rat bone marrow derived mesenchymal stem cells. 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).*
- Matyas, J. J., Rechenberg, A., Lowrance, S. A., Rossignol, J., Dunbar, G. L. *Behavioral phenotypes and their correlation to amyloid-beta plaque load in the 5xFAD mouse model of Alzheimer's disease. 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).*
- Huffman L. D., Dues D. J., Crane A., Idyle K. R., Dwenger E. S., Fink K. D., Rossignol J., Dunbar G. L. *Intratumoral transplantation of bone marrow-derived mesenchymal stem cells in a high-grade model of glioma. 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).*

- Lossia O., Wyse R., Marlow E., Moore A., Zeiler S., Dunbar G.L., Rossignol J. *Behavioral outcomes of EGF and bFGF primed-mesenchymal stem cells used in the treatment of an R6/2 rodent model of Huntington's disease.* 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).
- DeJonge R., Moore S., Huffman L., Crane A., Moore A., Fink K., Dunbar G., Rossignol J. *Dose dependent behavioral and neurological improvements following bone marrow mesenchymal stem cell transplantation in an R6/2 mouse model of Huntington's disease.* 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).
- Culver R., Wyse R., Lossia O., Marlow E., Moore A., Zeiler S., Dunbar G., Rossignol J. *Histological outcomes of EGF and bFGF primed-mesenchymal stem cells used in the treatment of an r6/2 rodent model of Huntington's disease.* 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).
- Welchko R., Hulse T., Shall G., Parker S., Huo W., Culver R., Watters J., Jeakle M., Siegal L., Jones-Camp N., Dues D., Dai D., Leveque X., Rossignol J., Lu M., Dunbar G.L. *Adenoviral mediated trans-differentiation of mesenchymal stem cells into dopaminergic neurons.* 45<sup>th</sup> Michigan Chapter Society for Neuroscience. KALAMAZOO, U.S.A (2014).
- Crane AT, Fink KD, Grace KA, Antcliff AK, Neale AC, Wyse R, Rossignol J, Dunbar GL, *Adenovirus-Generated Induced Pluripotent Stem Cells Are Not Effective in Ameliorating Deficits Following Transplantation in the 51CAG Transgenic Rat Model of Huntington's Disease* 21<sup>th</sup>American society for neural therapy and repair, CLEARWATER BEACH, U.S.A (2014).
- Moore A.C., Crane A.T, Lu M, Rossignol J., Dunbar G.L. *Genetic modification and characterization of mesenchymal stem cells used to over express human and mouse brain derived neurotrophic factor,* Capitol Hill 2014, LANSING, MI (2014).
- DeJonge, R., Moore, S., Moore, A., Crane, A., Rossignol J., Dunbar, G.L. *Bone Marrow Mesenchymal Stem Cells and Dose Dependent Behavioral and Neurological Improvements in an R6/2 Mouse Model of Huntington's Disease.* Capitol Hill 2014, LANSING, MI (2014).



**Appendix III:**  
**Peer Reviewed Publications – Students - CMED**  
**2014-2015**

Starr PA, **Markun LC**, Larson PS, Volz MM, Martin AL, Ostrem JL. Interventional MRI guided DBS in pediatric dystonia: First experience with the ClearPoint™ system. *Journal of Neurosurgery: Pediatrics*, Aug 2014 PubMed ID: 25084088.

Mills KA, **Markun LC**, San Luciano M, Rizk R, Allen IE, Racine CA, Starr PA, Alberts JL, Ostrem JL. Effect of subthalamic nucleus deep brain stimulation on dual-task cognitive and motor performance in primary dystonia. *Journal of Neurology, Neurosurgery and Psychiatry*, Jul 2014. PubMed ID: 25012202.

Ostrem JL, **Markun LC**, Glass GA, Racine CR, Volz MM, Heath SL, De Hemptinne C, Starr PA. Effect of frequency on subthalamic nucleus deep brain stimulation in primary dystonia. *Parkinsonism and Related Disorders*, Apr 2014. PubMed ID: 24440061.

**Hussain N**, Yankanah R, Wright JG. The Validity of levels of evidence ratings for articles submitted to the Journal of Bone and Joint Surgery. *Journal of Bone and Joint Surgery, American*. Accepted, 2014.

Mulla SM, Zhou Q, **Hussain N**, You JJ, Thabane L, Guyatt GH. Most clinical trialists' accept that envelopes adequately conceal allocation in randomized trials: a web-based survey. *Journal of Clinical Epidemiology*. Submitted, 2014.

Hussain F, Kuzyk P, **Hussain N**, Sternheim A, Schemitsch E. Antegrade versus retrograde nailing techniques and trochanteric versus piriformis intramedullary nailing entry points for femoral shaft fractures. *Journal of Orthopaedic Trauma*. Submitted, 2014.

**Hussain N**, Gossling O, Ferreri T, Schemitsch E, Atrey A. Taper wear with the use of metal on polyethylene heads for total hip arthroplasty: A meta-analysis. Submitted, 2014.

\***Steel, M. M.**, Abbasalipour, P., Salloum, C. A. M., Hasek, D., Papsin, B. C., & Gordon, K. A. (2014). Unilateral cochlear implant use promotes normal-like loudness perception in adolescents with childhood deafness. *Ear and Hearing*, 35(6): 291-301. doi: 10.1097/AUD.0000000000000069

Fallowski SM, DiLorenzo DJ, Shannon LR, Wallace DJ, Devries J, Kellogg RG, **Cozzi NP**, Fogg LF, Byrne RW, Optimizations and Nuances in Neurosurgical Technique for the Minimization of Complications in Subdural Electrode Placement for Epilepsy Surgery, *World Neurosurgery* (2015), doi: 10.1016/j.wneu.2015.01.018.

\***Steel, M. M.**, Papsin, B. C., & Gordon, K. A. (2015). Binaural fusion and listening effort in children who use bilateral cochlear implants: a psychoacoustic and pupillometric study. *PLOS ONE*, 10(2): e0117611. doi:10.1371/journal.pone.0117611

Ostrem JL, Ziman N, Galifianakis N, San Luciano M, Katz M, Racine CA, Starr PA, Martin AL, **Markun LC**, Larson PS. Clinical outcomes using the Clearpoint™ interventional MRI method for placement of deep brain stimulation leads in Parkinson's disease. *Journal of Neurosurgery*, accepted April 2015.

Docherty, K.M., Aiello, S.W., **Buehler, B.K.**, Jones, S.E., Szymczyna, B.R., Walker, K.A. (2015) Ionic liquid biodegradability depends on specific wastewater microbial consortia. *Chemosphere*. 136:160-166.

Alex Ghannam, Nicholas Cozzi, Christopher Khoury - have been accepted for publication through the American Association for Physician Leadership in their journal titled "LeadDoc". They publish articles about emerging physician leaders and they have accepted our manuscript for publication regarding our work in the Business in Medicine Student Interest Group. Link to article:

[http://www.leaddoc.org/Stories/2015/story1-0625.html#.VYxxpEL8\\_Xl](http://www.leaddoc.org/Stories/2015/story1-0625.html#.VYxxpEL8_Xl)

## Abstracts/Presentations Medical Students – CMED

2014-2015

Racine CA, Wang SS, San Luciano M, Alameddine LR, Galifianakis NB, Katz M, Mills KA, **Markun LC**, Taylor R, Ziman N, Starr PA, Larson PL, Ostrem JL. Impulse control symptoms in individuals with Parkinson's disease presenting for deep brain stimulation evaluation. International Congress of Parkinson's Disease and Movement Disorders 18<sup>th</sup> Annual Meeting, Stockholm, Sweden, 2014.

Galifianakis N, **Markun LC**, San Luciano Palenzuela M, Racine CA, Taylor R, Ziman N, Martin A, Larson PL, Starr PA, Ostrem JL. Interventional MRI deep brain stimulation for Parkinson's disease: interim analysis of clinical outcomes. International Congress of Parkinson's Disease and Movement Disorders 18<sup>th</sup> Annual Meeting, Stockholm, Sweden, 2014.

Lising MA, **Markun LC**, Lama R, San Luciano M, Galifianakis N, Katz M, Ziman N, Air EL, Larson PS, Starr PA, Ostrem JL. Decreased postoperative MRSA infection rates after routine preoperative MRSA screening and decolonization treatment in patients undergoing DBS. International Congress of Parkinson's Disease and Movement Disorders 18<sup>th</sup> Annual Meeting, Stockholm, Sweden, 2014.

Mills KA, de Hemptinne C, **Markun LC**, Starr PA, Ostrem JL. Modeling the volume of tissue activation during stimulation-induced dyskinesias and effective stimulation in dystonia patients treated with STN DBS. International Congress of Parkinson's Disease and Movement Disorders 18<sup>th</sup> Annual Meeting, Stockholm, Sweden, 2014.

Martin A, Ostrem JL, **Markun LC**, Larson P, Volz M, Starr PA. Interventional MR guided DBS in pediatric dystonia: technical and clinical outcomes. International Society for Magnetic Resonance in Medicine 24<sup>th</sup> Annual Meeting, Milan, Italy, 2014.

**Leslie Markun**, et. al., "Disparity in patients obtaining a non-head CT scan for medical reasons" Society of Academic Emergency Medicine conference, Detroit., Sept, 2014

**Emily Fortin**, et. al., Disparity in patients obtaining a non-head CT scan for medical reasons 2014 Society of Academic and Emergency Medicine Midwestern Conference.

**Madeline Palmer**, et.al., Disparities that exist in Emergency Department Care with regard to race and insurance status. Society for Academic Emergency Medicines, Detroit, 2014.

Mulla S, Zhou Q, **Hussain N**, You J, Thabane L, Guyatt G. Clinician trialists' views regarding methods to conceal allocation in randomized controlled trials. Podium: 35<sup>th</sup> Annual Meeting of the Society for Clinical Trials, Philadelphia, Pennsylvania, May, 2014.

Mulla S, Zhou Q, **Hussain N**, You J, Thabane L, Guyatt G. An empirical investigation of clinical trialists' views regarding methods to conceal allocation. Podium: 22nd Cochrane Colloquium. Hyderabad, India, September, 2014.

**Steel, M. M.**, Polonenko, M. J., Papsin, B. C., & Gordon, K. A. (2015). Binaural fusion and listening effort in children. *Sick Kids Research Institute Retreat*, Toronto.

**Steel, M. M.**, Hopyan, C., Peer, S., Papsin, B. C., & Gordon, K. A. (2014). Music Perception in Children with Bilateral Cochlear Implants. *Society for Ear Nose and Throat Advances in Children Scientific Meeting*, St. Louis, Missouri.

**Steel, M. M.**, Polonenko, M. J., Papsin, B. C., & Gordon, K. A. (2014). Binaural fusion and listening effort in children. *8<sup>th</sup> International Symposium on Objective Measures in Auditory Implants*, Toronto.

**Tyler Trahan** - Poster Presentation in Nuclear Medicine at Johns Hopkins University, Sidney Kimmel Comprehensive Cancer Center

**Parker Prusick, Thomas Ferreri, Nasir Hussain** – Poster Presentation: systematic review and meta-analysis on comparing Adductor Canal Blocks's vs. Femoral Nerve Block's for Pain Control following a Total Knee Arthroplasty. Michigan Orthopaedic Society, June 20 and 21, 2015.

Investigating Microbial Biodegradation of Pyridinium Ionic Liquids, American Society for Microbiology (ASM), Denver, CO; 2013

- Other notable student accomplishments including awards, etc.
  - Morrison Steel - Objective Measures in Auditory Implants Poster Award
  - Morrison Steel - Objective Measures in Auditory Implants Student Award
  - Leslie Markun - First Place Recipient, Excellence in Research Award for Students, Blue Cross Blue Shield of Michigan Foundation, 2015
  - Emily Fortin - trainee level award for the 2015 Society of Academic Emergency Medicine (SAEM) National Conference
  - Madeline Palmer – Founded STEMpowered, Inc. an organization dedicated to inspiring confidence and fostering the curiosity of young girls in Detroit by hosting a summer camp for Detroit Public School girls.

## Publications – CMU-Health Faculty and Residents 2014-2015

Frisch M, **Van Howe RS**. Is the trend in primary penile cancer in England real? *Cancer Causes Contr* 2014; 25: 405-6.

**Van Howe RS**. Phimosis. In Kimmel M, Milrod C, Kennedy A, editors. *Cultural Encyclopedia of the Penis*. Lanham, MD: Rowman & Littlefield; 2014: 159.

**Van Howe RS**. Meatotomy. In Kimmel M, Milrod C, Kennedy A, editors. *Cultural Encyclopedia of the Penis*. Lanham, MD: Rowman & Littlefield; 2014: 120.

**Van Howe RS**. Frenulum. In Kimmel M, Milrod C, Kennedy A, editors. *Cultural Encyclopedia of the Penis*. Lanham, MD: Rowman & Littlefield; 2014: 75.

**Van Howe RS**. Smegma. In Kimmel M, Milrod C, Kennedy A, editors. *Cultural Encyclopedia of the Penis*. Lanham, MD: Rowman & Littlefield; 2014: 202-3.

**Van Howe RS**. Presumptions are not data and data are often no informative. *Am J Bioeth* 2015; 15(2): 40-3.

**Van Howe RS**. Circumcision as a primary HIV preventive: extrapolating from the data. *Glob Publ Health* 2015; 10(5-6): 607-25.

M-C Maroun, R Ososki, J C Andersen, and **J P Dhar**, Eltrombopag as steroid sparing therapy for immune thrombocytopenic purpura in systemic lupus erythematosus Lupus 0961203314559632, first published on November 21, 2014 as doi:10.1177/0961203314559632

Michelle Housey, Peter DeGuire, Sarah Lyon-Callo, Lu Wang, Wendy Marder, W. Joseph McCune, Charles G. Helmick, Caroline Gordon, **J. Patricia Dhar**, James Leisen, and Emily C. Somers, Incidence and Prevalence of Systemic Lupus Erythematosus Among Arab and Chaldean Americans in Southeastern Michigan: The Michigan Lupus Epidemiology and Surveillance Program  
*American Journal of Public Health*, Published online ahead of print March 19, 2015

Kim Dunleavy, Sujay Galen, Kristina Reid, **Patricia Dhar**, Rosanne DiZazzo-Miller, Impact of Interprofessional Peer Teaching on Teaching on Physical and Occupational Therapy Student's Role Identity and Motivation . Submitted to: *The Journal of Interprofessional Healthcare*  
<http://www.jihonline.org/about.html>  
Submitted and not yet published

1. Maher Ghanem; Anthony Senagore; Samuel Shaheen. Book Chapter "Cost and outcomes in robotic assisted laparoscopic surgery" Ross et.al. Robotic Approaches to Colorectal Surgery. In press
2. Vasanth Stalin, MD A Benign Gastric Ulcer Eroding into a Splenic Artery Pseudoaneurysm presenting as a Massive Upper Gastrointestinal Bleed Journal of Surgical Case Reports, JSCR-2014-0196
3. Ghanem M, Olson M, Zeiger M. Book Chapter "Approach to thyroid nodule" Orlo Clark: Text book of Endocrine Surgery. In press

## **Presentations/Abstracts – CMU-Health Faculty and Residents 2014-2015**

**Dhar, JP**, Essenmacher L, Dhar R, Magee A, Ager J, Venkatram M, Sagar H, Sokol RJ, Safety of Gardasil® Vaccine in Systemic Lupus Erythematosus, Trial Update. Poster presentation at the Annual Scientific meeting for the American College of Rheumatology, November 2014 in Boston, MA

**Patricia Dhar**<sup>1,2</sup>, Lynnette Essenmacher<sup>3</sup>, Renee Dhar<sup>2</sup>, Ardella Magee<sup>1</sup>, Joel Ager<sup>3</sup> and Robert Sokol<sup>3</sup>,. Safety and Immunogenicity of Quadrivalent Human Papilloma Virus (qHPV) Vaccine (Gardasil®) in Systemic Lupus Erythematosus (SLE), Phase I Trial Completion Submitted to the American College of Rheumatology Annual Scientific meeting for November 2015

### **Abstracts: case reports with trainees:**

Dhara Patel, Roma Srivastava, **Josephine Patricia Dhar**. A possible rare side effect of an oral hypo-lipidimic agent. American College of Physician Michigan Chapter meeting, Gaylord, Michigan, September 2014

Sharanjit Khaira, Paritharsh Ghantasala, Pradeep Bathina, **Josephine Patricia Dhar**. Building muscles at the cost of your kidneys: A case report on creatine-induced IgA nephropathy. Presented at the American College of Physician Annual Scientific Meeting in Boston, MA. April 2015.

Harsukhdeep Sarkaria, Paritharsh Ghantasala, **Patricia Dhar**. Polydipsia is an Uncommon Cause of Hyponatremia

### **Dr. Vivek Variar**

#### **Abstract with residents**

Arya Lalithakumari, MBBS, Shyam Ganti MBBS, **Vivek Variar MD**. **Hyperkalemia : to treat or not to treat?** Abstract presented at the Spring 2015 Meeting for the Michigan Association of Physicians of Indian Heritage, March 8, 2015 in Troy, MI

Roma Srivastava, Sanjay Talati, Martin Tobi, Vivek Variar. **Mystifying Metastasis: Larynx. To Heart.** Abstract presented at Resident's Day, American College of Physicians, Troy , MI May 22, 2015

Roma Srivastava MD, Dhara Patel, Martin Tobi MD, Vivek Variar MD. **Adult Moyamoya disease, a rare entity and cause of stroke. Abstract presented at** at the ACP fall chapter meeting; The Treetops Resort Gaylord, MI , Oct 17-19 , 2014

### **Resident Abstracts**

The following abstracts were accepted for presentation at **The American College of Physicians' (ACP) Internal Medicine Meeting 2015** from April 30 through May 2 (Thursday - Saturday) in Boston, MA

1. **Methyl Jasmonate: A plant stress hormone that enhances radio-sensitivity of hormone refractory prostate cancer cells** (Oral presentation)

Daniel E. Ezekwudo, MD, PhD, Periasamy Selvaraj, PhD, Ravi Palaniappan, PhD, Martin Tobi, MBChB

2. **Physicochemical characterization and Anti-cancer activity of Paclitaxel-loaded gellan gum-block-Polyethylene glycol nanoparticles** (Poster presentation)

Daniel Ezekwudo, MD, PhD, Periasamy Selvaraj, PhD, Ravi Palaniappan, PhD, Bala Brandhi, MD.

3. **Building muscles at the cost of your kidneys: A case report on creatine-induced IgA nephropathy**

Sharanjit Khaira MSIII, Paritharsh Ghantasala MD, Pradeep Bathina MD, Josephine Patricia Dhar, MD,

The following abstracts were accepted for presentation at the **Spring 2015 Meeting for the Michigan Association of Physicians of Indian Heritage**, March 8, 2015 in Troy, MI

1. **Hyperkalemia : to treat or not to treat?**

Arya Lalithakumari, MBBS, Shyam Ganti MBBS, Vivek Variar MD

2. **Transmural gastric hemangioma: an usual cause of acute abdomen.**

Roma Srivasta MD; Daniel Ezekwudo MD, Ph.D; Asma Taj MD; Butchi B. Paidipaty MD.

3. **Mystery of Air bubbles:Cerebral Air Embolism After Lung Biopsy**

Ashwathy B. Pillai, MD<sup>1</sup> , Rahul Jacob, MD<sup>1</sup> and Babu Paidipaty, MD<sup>1</sup>

**Abstracts presented at Resident's Day, American College of Physicians, Troy , MI May 22, 2-15**

1. **Building Muscles at the Cost of your Kidneys: A Case Report on Creatine-Induced IgA Nephropathy.** (Sharanjit Khaira, Paritharsh Ghantasala, Pradeep Bathina, Josephine Patricia Dhar)
2. **Mystifying Metastasis: Larynx. To Heart** (Roma Srivastava, Sanjay Talati, Martin Tobi, Vivek Variar)
3. **Is There Cause-and-Effect Relationship Between Brief Usage of Immunosuppressant Medications and Opportunistic Infections.** (Sukhmanpreet Singh, Sharanjit Khaira, Suhasini Gudipati)
4. **Is It Merely a Headache or Meningitis: Where to Draw the Line?** (Sharanjit Khaira, Sukhmanpreet Singh, Suhasini Gudipati)
5. **Diabetic Foot Ulcer due to Pasturella Multocida** (Haritha Machavarapu, Suhasini Gudipati)
6. **Death by Air Bubbles: Cerebral Air Embolism After Lung Biopsy** (Ashwathy Balachandran Pillai, Rahul Jacob)
7. **Nothing is More Deceptive Than the Obvious** (Roma Srivastava, Marilyn Haupt, Mohd Shaffi, Kanjwal, Babu Paidipaty)
8. **Novel Complications of Catheter Ablation for Atrial-Fibrillation** (Kunal Singh, Sayed M. Osama)
9. **Acute Onset Hemiparesis: Brain Abscess Masquerading as Acute Stroke** (Kevin Cumper, Babu Paidipaty)
10. **Esophageal Pleural Fistula-A Rare Complication of Long Standing GERD** (Nimmy Rodrigues, Madiha Tahir, Daniel Ezekwudo, Mohd Shaffi Kanjwal)
11. **Hepatitis C (HCV) Treatment and SVR: The Gap Between Clinical Trials and the Real-World.** (Madiha Tahir, Fatima Alvi, Imtiaz, Alam)
12. **Transmural Gastric Hemangioma: an Unusual Cause of Acute Abdomen.** (Daniel Ezekwudo, Asma Taj, Butchi B. Paidipaty)
13. **Designing a Microsphere Delivery System for Oral Pneumococcal Surface Adhesion Subunit.** (Daniel Ezekwudo, Dilip Devineni, Ravi Palaniappan, Martin Tobi)



14. **Polydipsia is an Uncommon Cause of Hyponatremia** (Harsukhdeep Sarkaria, Paritharsh Ghantasala, Patricia Dhar)

**Abstracts presented at the ACP fall chapter meeting; The Treetops Resort Gaylord, MI  
Date: Oct 17-19, 2014**

4. **Methyl Jasmonate: A plant stress hormone that enhances radio-sensitivity of hormone refractory prostate cancer cells.** Dr Daniel Ezekwudo MD, Ravi Palaniappan Ph.D, Pariasamy Selvaraj Ph.D
5. **Physicochemical characterization and Anti-cancer activity of Paclitaxel-loaded gellan gum-block-PEG nanoparticles (Ptx-GGbPEG)** Dr Daniel Ezekwudo MD, Ravi Palaniappan Ph.D, Pariasamy Selvaraj Ph.D
6. **The unusual suspect- Levamisole in cocaine.** Dr Arun Joseph MD, Dr Suneel Vallabhaneni MD
7. **De-novo membranoproliferative glomerulonephritis secondary to mixed cryoglobulinemia without associated hepatitis C infection years after kidney transplantation.** Dr Farhaj Siddiqui MD, Dr Mohammad A. Bashir MD, Dr Maliha N.Shaikh MD, Mariam Alexander
8. **Adult Moyamoya disease, a rare entity and cause of stroke .** Dr Roma Srivastava MD, Dhara Patel, Dr Martin Tobi MD, Dr Vivek Variar MD.
9. **How unfamiliar is the familial Romano Ward Syndrome.**Dr Roma Srivastava MD, Dhara Patel, Dr Martin Tobi MD.
10. **Visual inspection of the vasculature of the ventrum of the tongue (LVI) can reveal the presence of varices in a rural cirrhotic population- A prospective clinical study.** Dr George Vavilis MD, Dr Martin Tobi MD, David Kaplan, Rebecca Rodriguez, Yu-Xiao Yang, John Lieb, Douglas Weinstein
11. **Central Diabetes Insipidus after Anoxic Brain Injury.** Dr Kunal Singh MD, Dr Aniruddha Palya MD
12. **Recurrent episodes of diabetic ketoacidosis secondary to thyrotoxicosis.** Dr Farhaj Siddiqui MD, Dr Harsukhdeep Sarkaria MD, Dr Bala Grandhi MD.

Samuel Shaheen, MD

13. Current Status of Enhanced Recovery Programs in Laparoscopic Hepato-pancreatic Biliary Surgery - Systematic Review. S. Syed; M. Ghanem; S. Shaheen et al. Oral presentation at Clinical Robotic Surgery Association (CRSA) (ACS) October 24-25, 2014 San Francisco, CA

V. Stalin, MD

14. Moderator – Expert panel on 'The technique of fundoplication - Issues and Strategies'
15. Association of Surgeons of India, August 7, 2014 (38th Annual conference, Tamilnadu and Pondicherry chapter)
16. Laparoscopic Nissen fundoplication in Morbid Obesity
17. International session, GH GASTRO video workshop on Foregut Disorders, Association of Surgeons of India, April 19, 2015

Maher Ghanem, MD

18. CURRENT STATUS OF ENHANCED RECOVERY PROGRAMS IN LAPAROSCOPIC HEPATO-PANCREATIC BILIARY SURGERY-SYSTEMATIC REVIEW. M. Ghanem; S.Syed; K.Patel et al. presented at the Clinical Robotic Surgery Association, October 24-25, 2014, San Francisco, CA

Presentations:

“Acute Bacterial Sinusitis in Children.” Grand Rounds, Family Medicine Residency, Saginaw, Michigan, February 20, 2014.

“Math is Your Friend: A Consumer’s Primer to Understanding Epidemiology.” Genital Autonomy 2014: 13th International Symposium on Genital Autonomy and Children’s Rights. Boulder, Colorado, July 24, 2014. Text available at:  
[https://www.academia.edu/13843697/Math\\_is\\_Your\\_Friend\\_A\\_Consumer\\_s\\_Primer\\_to\\_Understanding\\_Epidemiology](https://www.academia.edu/13843697/Math_is_Your_Friend_A_Consumer_s_Primer_to_Understanding_Epidemiology)

“Human Papillomavirus and Circumcision: The Whole Story.” Genital Autonomy 2014: 13th International Symposium on Genital Autonomy and Children’s Rights. Boulder, Colorado, July 24, 2014. Text available at:  
[https://www.academia.edu/13846777/Human\\_Papillomavirus\\_and\\_Circumcision\\_The\\_Story\\_Beyond\\_the\\_Tip](https://www.academia.edu/13846777/Human_Papillomavirus_and_Circumcision_The_Story_Beyond_the_Tip)

“Is Routine Circumcision Justifiable? A Medical Perspective.” Denkfest 2014 (Swiss Freethinkers). Zurich, Switzerland, September 12, 2014.

“Does Mass Circumcision Make Sense in the Fight against HIV in Africa?” Denkfest 2014 (Swiss Freethinkers). Zurich, Switzerland, September 12, 2014.

“Gastroesophageal Reflux Disease in Infants and Children.” 2015 Pediatric Rehabilitation Symposium. Saginaw, Michigan, February 11, 2015.

## **Other Scholarship – CMU-Health Faculty and Residents**

### **2014-2015**

Peer-review activity:

#### **Van Howe**

Journals: *Advances in Sexual Medicine, BMC Medical Ethics, British Journal of Medicine and Medical Research, Global Public Health, Journal of Pediatrics, and Springer Plus.*

Invited by the Centers for Disease Control and Prevention to provide a peer-review of their draft recommendation regarding male circumcision, December 2, 2014 to January 16, 2015. Text available at: [https://www.academia.edu/10553782/A\\_CDC-requested\\_Evidence-based\\_Critique\\_of\\_the\\_Centers\\_for\\_Disease\\_Control\\_and\\_Prevention\\_2014\\_Draft\\_on\\_Male\\_Circumcision\\_How\\_Ideology\\_and\\_Selective\\_Science\\_Lead\\_to\\_Superficial\\_Culturally-biased\\_Recommendations\\_by\\_the\\_CDC](https://www.academia.edu/10553782/A_CDC-requested_Evidence-based_Critique_of_the_Centers_for_Disease_Control_and_Prevention_2014_Draft_on_Male_Circumcision_How_Ideology_and_Selective_Science_Lead_to_Superficial_Culturally-biased_Recommendations_by_the_CDC)

#### **Grants Funded:**

Dhar:

Investigator-initiated grant: Merck Pharmaceuticals; Immunogenicity of @Gardasil in SLE, Total budget: \$348,000, 10% salary support. Sole Principal Investigator: Dr. J. Patricia Dhar. (Ongoing research at Wayne State University)

#### **Grants submitted:**

Van Howe:

“Effectiveness of CLIPP Cases in a Curriculum with a 24-week Comprehensive Community Clerkship” (with Lourdes Morales-Dopico, MD) grant submitted April 2015 to Med-U for \$10,000 to study optimal use of CLIPP cases in a curriculum with a longitudinal clerkship. Was asked to submit formal grant following submission of letter of intention. We did not secure the grant.