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).


Yoon MH, Burns CM, Michaelsen VE. Team-Based Learning in Different Classroom Settings. Medical Science Educator. (2014) DOI: 10.1007/s40670-014-0024-3


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.


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


Books:

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 6-8th 2014 (Miami, Florida).
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:

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). 7th-11th June 2014. Sheraton Music City Hotel, Nashville, TN, USA.


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.


Alan M. Watson, Michael J. Conway, and Kate Ryman. Mosquito Saliva Enhances Infectivity of Yellow Fever Virus. Poster Presentation at the 63rd 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 and Jamie K. Alan. 1Central Michigan University, Mt. Pleasant MI, 2College 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) 2nd 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 Baeza1 and Jamie K. Alan2. 1Central Michigan University, Mt. Pleasant MI 48869, 2College 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. Alan1,2, Erik L. Lundquist2. 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)


Michael R. Rowland MD1, Neli P. Ragina, PhD2, Joy Sarkar MD1, Catherine F T Uyehara, PhD1 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 MD1, Neli P. Ragina, PhD2, Joy Sarkar MD1, Catherine F T Uyehara, PhD1 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


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).

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


**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.


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_XI](http://www.leaddoc.org/Stories/2015/story1-0625.html#VYxxpEL8_XI)


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 18th Annual Meeting, Stockholm, Sweden, 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 woth regard to race and insurance status. Society for Academic Emergency Medicines, Detroit, 2014.


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


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


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 laprascopic 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


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


Patricia Dhar1,2, Lynnette Essenmacher3, Renee Dhar2, Ardella Magee1, Joel Ager3 and Robert Sokol3. Safety and Immunogenicity of Quadrivalent Human Papilloma Virus (qHPV) Vaccine (Gardasil®) in Systemic Lupus Erythematous (SLE), Phase I Trial Completion Submitted to the American College of Rheumatology Annual Scientific meeting for November 2015

Abstracts: case reports with trainees:


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


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, Rahul Jacob, MD and Babu Paidipaty, MD
Abstracts presented at Resident’s Day, American College of Physicians, Troy, MI May 22, 2015

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. Paidpaty)

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 Suneeel 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 Varlir 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

V. Stalin, MD
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

Presentations:


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

**2014-2015**

**Peer-review activity:**

**Van Howe**


Invited by the Centers for Disease Control and Prevention to provide a peer-review of their draft recommendation regarding male circumcision, December 2, 2104 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.