7th Annual VCUHS Resident Research Day
Thursday, June 3, 2010

PRESENTATIONS

Basic Science
- Insulin Sensitivity, Metabolic Syndrome, and Cardiovascular Disease in an Elderly, Obese Population
  Gregory Cook, MD
- Sustained inflammatory response in patients admitted with acute decompensated heart failure
  Michael Gambill, MD
- A Pilot Phase II Trial of Magnesium Supplements to Reduce Menopausal Hot Flashes in Breast Cancer Patients
  Haeasong Park, MD
- Performance of Myocardial Perfusion Imaging in Detection of Coronary Artery Disease in Liver Transplant Candidates
  William Hackworth, MD
  2nd Place
- Catatonia as the presenting symptom in systemic lupus erythematosus
  Sean Pustilnik, MD
- Lactate in Trauma: A Poor Predictor of Mortality in the Setting of Alcohol Ingestion
  Hadley Herbert, MD
- Prevalence and Determinants of Developmental Delay in Children Aged 6 – 23 Months in Rural Wardha, India
  Connie Chan, MD

Clinical Science
- Evaluation of the frequency of hypoglycemia in patients receiving continuous insulin infusions
  Kelly Ennis, MD
- Cost-effective stay in the Epilepsy Monitoring Unit: a function of information known at admission
  Soundyara Gowda, MD
- First Successful Removal of Transjugular Intrahepatic Portosystemic Shunt (TIPS) in a Case of Endotipsitis
  Vimal Mishra, MD
- Aspirin Desensitization/Challenge in Patients with Unstable Angina
  Alex Ortega-Loayza, MD
- Use of Laryngeal Mask Airway in Pediatric Adenotonsillectomy: A prospective, randomized trial
  Angela Peng, MD
- Interleukin-1 blockade ameliorates left ventricular remodeling following ST-segment elevation acute myocardial infarction – the VCU-ART pilot study
  Roshanak Robati, MD
  1st Place

Basic & Clinical Science
- Chronic Daily Therapy with Tadalafil Improves Multiple Cardiovascular Risk Factors in Obese, Diabetic Mice
  Amit Varma, MD
- Electrophysiological study of the stent mechanism of dopamine transporter activated by methamphetamine
  Yongyue Chen, MD
- Prophylactic antibiotics for fractures of the maxillary sinus: A preliminary report
  Robert Schmidt, MD
- Mouse breast cancer model demonstrates survival benefit of mastectomy in metastatic breast cancer
  Omar Rashid, MD
  2nd Place
- Prospective evaluation of surgical outcomes of robotic-assisted colpo- and cervico-sacropexy
  Audra Hill, MD
- A Comparison of the Performance of Chronically Versus Freshly Denervated Autograft in Nerve Repair
  Scott Adams, MD
  1st Place

POSTERS

1. Effect of RSV infection on myocardial function
   Achival Aggarwal, MD
   2nd Place

2. The irreversible proteasome inhibitor carfilzomib interacts synergistically with HDAC inhibitors in mantle cell lymphomas in an in vitro cell culture model
   Erin Alesi, MD

3. The Safety and Tolerability of Different Intravenous Administrations of Levetiracetam, Bolus versus Infusion
   Sarah Bashir, MD

4. Excess Cost of Alcohol Use Disorders in Medical Patients on Mechanical Ventilation
   Jessica Boehmler, MD

5. Insulin Sensitivity, Metabolic Syndrome, and Cardiovascular Disease in an Elderly, Obese Population
   Danielle Castillo, MD

6. A Review: Efficacy of Celiac Plexus Block/Neurolysis in Pain Control in Patients with Non-Pancreatic Upper GI Malignancies
   Robert Sealand, MD

7. Validation of a Coamplification at Lower Denaturation Temperature PCR (COLD-PCR) Followed by Sanger Sequencing Method for KRAS Mutation Detection in Colon Cancer Specimens
   Ning Chen, MD
   1st Place

8. Intravenous fluid therapy prevents contrast induced nephropathy after cardiac catheterization and coronary intervention
   Peter Danyi, MD
9. Retrograde spinal cord stimulator trial for Complex Regional Pain Syndrome: A case report
   Christopher Dawson, MD

    Seth Evans, MD

11. Adequate Immune Reconstitution in Recipients of Unrelated Donor Hematopoietic Cell Transplants
    Given Rabbit Anti-Thymocyte Globulin (ATG) During Conditioning
    Devon Fletcher, MD

12. The pattern of the immune response differs in low-risk vs. high-risk neuroblastoma.
    Madhu Gowda, MD

13. Evidence-based Management of Acute Lung Injury and Acute Respiratory Distress Syndrome:
    Compliance with Low Tidal Volume Ventilation
    Travis Greer, MD

14. Specific Biologic Protease Inhibitors and their Interaction with Beta Tryptase Monomers
    Ankmalika Gupta Louis, MD

15. Facilitating the Transition from Medical Student to Intern: Curriculum for a Longitudinal OB Clinic for
    MIV Students
    Sarah Hagood, MD

16. Appropriate Use of Papanicolaou Test in Internal Medicine Resident Clinic: A Quality Improvement
    Project
    Samantha Hudson, MD

17. Prevalence of Abnormal Hepatic Transaminases & Improvement with Metformin in Women with
    PCOS: A Retrospective Analysis
    Sadia Ijlaluddin, MD

18. Can Troponin Identify Myocardial Infarction Earlier Than CK-MB?
    W. Ennis James, MD

19. Factors Associated With a Positive STOP-Bang Screen in the Preoperative Clinic Population
    Kamran Kabolizadeh, MD

20. Treatment of Acute Displaced Midshaft Clavicle Fractures with an Intramedullary Compression Pin
    Christopher Keen, MD

21. High grade adenocarcinoma of prostate with coexpression of prostate specific antigen, prostate acid
    phosphate, cytokeratin 7, and high molecular weight cytokeratin: A case report.
    Guan Hua Lai, MD

22. SLICC score correlation with the Cerner medical computer database
    Jeffrey Landis, MD

23. Sharps Exposures Among Otolaryngology-Head and Neck Surgery Residents
    Patrick Maiberger, MD

24. Relationship between Life-Span Reductions in Hormonal Levels for Women and Cognitive,
    Neurobehavioral & Functional Outcomes following Traumatic Brain Injury
    Robin Medic, MD

25. Predicting Use of Portable Monitoring versus Polysomnography in the Preoperative Clinic
    Nicole Mims, MD

26. Benchmarking Bronchiolitis
    Lourdes Morales-Dopico, MD

27. The CDK inhibitor flavopiridol (Alvocidib) interacts with the Bcl-2 antagonist GX15-070 (Obatoclax) to
    induce apoptosis and overcome drug-resistance in human multiple myeloma cells
    Jennifer Myers, MD

28. Bare Below the Elbows: Barriers to a Benign Policy
    Michele Nalepa, MD

29. Outcome of Pharmacy Presence on Anticoagulant Dosing for STEMI Patients in an Emergency
    Department.
    Sarah Nelson, MD

30. Safety and tolerability of Interleukin-1 blockade with anakinra in ST-segment elevation acute
    myocardial infarction – the VCU-ART pilot study
    Ijeoma Okogbue, MD

31. Angiotensin converting enzyme therapy and the risk of contrast-induced nephropathy after coronary
    angiography and percutaneous coronary intervention
    Kalpesh Patel, MD

32. The Practical Use of FRAX as a Clinical Tool to Predict those Patients at Risk for Osteoporosis
    Christie Razavi, MD

33. Comparison of Functioning in Communication and Social Cognition between Blast-Exposed & Non-
    blast-Exposed patients with TBI
    Luke Robinson, MD

34. Ineffective Triggering Related to Spontaneous Breathing Trials in Mechanical Ventilation
    Owen Schwartz, MD
35. Anatomic Location of the Lumbar Ramus Communicans Injection Sites
   Dominic Seymore, MD

36. The Effect of nutrition counseling on the diets of patients with Non-alcoholic steato-hepatitis
   Varun Sharma, MD

37. Posttraumatic Headache: Botulinum Toxin Therapy in Wounded Warriors
   Costa Soteropoulos, MD

38. Synergistic interactions between Histone Deacetylase inhibitors and Aurora Kinase inhibitor KW2449 in Lymphoma cells and Acute myeloid leukemia
   Radhika Thorn, MD

39. The Effect of Smoking on the Mobilization of Stem Cells for Autologous Bone Marrow Transplant
   Josh White, MD

Acknowledgements

Judging Panels

**Oral Presentations**

Alpha Fowler, MD, Professor
Department of Internal Medicine

Christine Fuller, MD, Professor
Department of Pathology

Evan Reiter, MD, Associate Professor
Department of Otolaryngology

**Poster Presentations**

Stephanie Call, MD, MSPH, Associate Professor
Department of Internal Medicine

Daniel Coelho, Assistant Professor
Department of Otolaryngology

Shiyu Song, MD, Assistant Professor
Radiation Oncology

Support

Mary Alice O'Donnell, PhD
Director, Graduate Medical Education

Administration and Organizational Support

Stephanie Brown, C-TAGME
Department of Otolaryngology – Head and Neck Surgery