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## Jefferson Digital Commons quarterly report: October-December 2016

Daniel G. Kipnis, MSI  
*Thomas Jefferson University, kipnis007@gmail.com*

Kelsey Duinkerken, MSI  
*Thomas Jefferson University, kelsey.duinkerken@jefferson.edu*

James Copeland, LIBT  
*Thomas Jefferson University, james.copeland@jefferson.edu*

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## **JDC Quarterly Report October-December 2016**

The [Jefferson Digital Commons](#) (JDC) had a great 2016. On December 14, 2016 the JDC reached a new milestone by passing the 3 million download mark along with the deposit of more than 12,000 assets to date.

In addition, new Departments joining the JDC include:

- [Neurosurgery Grand Rounds](#)
- [Jefferson Sleep Center](#)

Here are some statistics from 2016 to share:

- Total assets added in 2016: 1,493
- 18,280 different institutions accessed content in the JDC  
-43% Education, 30% commercial, 16% Organization, 8% government, 3% other
- 215 countries visited the JDC
- March 2016 generated the most downloads with 43,493
- Total downloads for 2016: 467,382

### **Top 5 Most Downloaded Assets Deposited in 2016:**

1. [The relationship between body positioning, muscle activity, and spinal kinematics in cyclists with and without low back pain](#) (PT Capstone poster, 456 downloads, posted March 11, 2016)
2. [Biomechanical Factors Associated with Knee Pain in Cyclists: A Systematic Review of the Literature](#) (PT Capstone poster, 402, posted March 14, 2016)
3. [The effect of night splints in the treatment of plantar fasciitis: a systematic literature review](#) (PT Capstone poster, 400, posted March 20, 2016)
4. [The Most Effective and Efficient Bedside Exam for the Dizzy Patient in the Acute Care Setting: A Systematic Review of the Literature](#) (PT Capstone poster, 352, posted March 14, 2016)

5. Evaluating The Decision Making Process of Pediatricians' Recommendations for First Complementary Foods in Infants

(MPH

**Global distribution of readership from Jan 1, 2016 to December 31, 2016:**



**Selection of assorted assets deposited in the last quarter of 2016:  
October-December**

## Articles

- Distinct Cell Stress Responses Induced by ATP Restriction in Quiescent Human Fibroblasts
- Single-Cell Transcriptional Analysis Reveals Novel Neuronal Phenotypes and Interaction Networks Involved in the Central Circadian Clock
- MiRNA-145 increases therapeutic sensibility to gemcitabine treatment of pancreatic adenocarcinoma cells
- Fumarate modulates the immune/inflammatory response and rescues nerve cells and neurological function after stroke in rats
- A microRNA/Runx1/Runx2 network regulates prostate tumor progression from onset to adenocarcinoma in TRAMP mice
- Evaluating frequency and quality of pathogen-specific T cells
- Antibiotic stewardship for staff nurses: Five Key Ways you Influence Antibiotic Use

## **Capstones: Masters in HealthCare Quality and Safety:**

- Reducing Re-Admissions from Home to a Community Hospital Using a Team Approach
- Defusing the Patient Safety Timebomb in Radiology
- Implement cEEG Monitoring in the ICU to Detect Sub-Clinical Seizures: A Program to Reduce Neurologic Deficit
- Implementing a Standardized Risk Model for Chemotherapy Adverse Events in Older Oncology Patients in a Community Cancer Center
- Creating a Process to Trigger the Obstructive Sleep Apnea Order Set From the Stop Bang Evaluation in Total Joint Arthroplasty Patients
- Nursing and Medical Student Attitude Regarding Substance Use Disorders Transformed through Multi-Disciplinary Clinical Rotation in Addiction Treatment Center
- Decreasing Dermal Damage from Endotracheal Tubes in the Intensive Care Unit: A Team Based Approach
- Reducing medication related falls: A study of medication timing, medication reconciliation and falls reduction in an acute care hospital
- Increasing the Accuracy of ICD-10 Codes to Support Hospital Based Laboratory Testing Ordered by Outreach Clients
- Enhancing the Discharge Process at a Community Hospital With Post Discharge Phone Calls
- Reducing Clostridium Difficile Infections in Acute Care Hospital Patients by Joining a Statewide Collaboration Hospital Engagement Network
- The Economic Value of Biosimilars

## **Capstones: Masters in Public Health**

- Population Health Assessment and Risk Analysis: Buzzards Point, Washington DC
- A Qualitative Investigation of the Relationship of Social Capital and Health Amongst Older Adults in the Kensington Neighborhood of Philadelphia, Pennsylvania
- Good Eating/Good Reading: A Pilot Program by The Penn Literacy Network to Evaluate the Health Literacy of Homeless Mothers Living in Shelters
- Increasing Awareness about Human Trafficking: Education for Frontline Healthcare Providers
- Revisiting Rwanda: Evaluation of a Pig Breeding Program in Muyogoro Village, Huye District, Southern Province, Rwanda

- The Population Health Template: A Roadmap for Successful Health Improvement Initiatives

### **College Within a College Posters:**

- Public Health Considerations and the Culture of Alcohol in Vietnam
- Barriers to Care Amongst Rural Indigenous Mayans in Guatemala's Western Highlands
- Does Age Influence Knowledge and Attitudes about Intrauterine Devices?
- Examining the Role of Tobacco Packaging in Fourteen Low and Middle Income Countries
- JeffHEALTH: Helping East Africa Link to Health
- Quality of Care Assessment at a Resident-based Primary Care HIV Clinic
- Decentralization and Health: Case Studies of Kenya, Pakistan, and the Philippines
- An Interactive Curricula Experience (iCE) for Latino Immigrant Health
- Addressing Childhood Obesity in Early Head Start Population in Philadelphia through Early Intervention and Food Buying Clubs
- An Evaluation of Risk Attitudes and Risk Tolerance in Emergency Medicine Residents
- Exploring the Feasibility of Incorporating Sexual Education into Routine Adolescent Office Visits
- Water Crisis in Vietnam
- Sexual and Reproductive Health in Rwanda
- Hepatitis C Screening in the Homeless Population of Philadelphia
- The public health crisis in Greece and its ties to a failing economy
- Stephen Klein Wellness Center Patient Satisfaction Survey: Development and Preliminary Results

### **Grand Rounds:**

- Optimizing Brain Health - The Brain Nutrient Rx
- The 6th Annual Lady Grace Revere Osler Lecture: Gallstones in Older Patients: Translation of Health Services Research into Clinical Practice
- Genetic Susceptibility to Epithelial Ovarian Cancer: Progress and Translational Potential
- Wound Care Updates
- Bright Pink: Life Saving Combination Pairing an empowered patient with an informed health provider
- Family Presence During Resuscitation in the ICU-Arguments for and Against
- Update on Liver Resections
- Journal Club: The GoMo study: a randomized clinical trial assessing neonatal pain with Gomco vs Mogen clamp circumcision

- Introduction to Transgender Health Care
- Grief and Depression at the End of Life
- The Philip Wolfson, MD Lecture: Resuscitating Resuscitation...Learning from the Past, Present, and toward a brighter future!
- "Over the Hill" or "Still Doing it" Issues on Sexuality and Aging
- Anticoagulation Update 2016
- Thyroid Molecular Testing Using Ultrasound
- Tobacco Policy Update
- Integrative Brain Health
- Atrial Fibrillation and Ablation
- G6PD Deficiency: Beyond Fava Beans and Sulfa Drugs
- Journal Club Talk: Physical Activity and Anger or Emotional Upset as Triggers of Acute Myocardial Infarction: This Election is going to give me a heart attack-literally
- Diagnosis and Management of Alcohol Use Disorder
- Dynamic Duo presentation: Preparing the Patient for Their Operative Experience
- Race, Gender, Medicine and Society
- mRNA and tRNA Modifications in the Regulation of Gene Expression
- SIDS Prevention
- Liver Cancer prevention program associated with hepatitis B infection among Asian Americans
- Dynamic Duo Seminar Series: Response and Resistance to targeted inhibitors in melanoma
- Neuroimaging in Integrative Psychiatry
- Family and Community Medicine Town Meeting
- Cognitive Behavioral Therapy (CBT) for Depression in Primary Care
- Initiation of Antiretroviral Therapy in Early Asymptomatic HIV Infection: The INSIGHT START Study Group
- Stressing about Stress Tests: Selecting the Optimal Cardiac Stress Test
- High Frequency Oscillations (HFO's) A Biomarker for Epileptogenic Cortex?
- Innovation in Living Donor Kidney Transplantation
- Jefferson and HealthChoice's Medicaid: Thomas Jefferson University and Jefferson Health
- Nasal Reconstruction

### **Faculty Development:**

- Getting Started: Identifying Funding Opportunities with Jefferson Resources

### **Journals:**

- JHNJ Summer 2016 issue

## **MPH Capstones**

- Geriatric Readiness Assessment of Pennsylvania Emergency Departments
- Development of an Interprofessional Education (IPE) Program on Disaster Preparedness
- Evaluating the Effectiveness of a Health Promotion Intervention in an Urban Population Regarding Stair Utilization
- The Impact of Health Literacy and Diabetes Knowledge Level on Health Outcomes Among Admitted Diabetic Pilgrims-HAJJ 2016

## **News items:**

- 15 reasons why giving up coffee and alcohol are worth it
- Dr. Karl Doghramji on Fox 29 morning news discussing sleep paralysis
- Radio Interview with Suzanne Monaghan from KYW News Radio with Dr. Karl Doghramji on weekend time change
- Sound Sleep: Research shows we need less as we age but quality could be tied to dementia
- 3 Million Downloads for the Jefferson Digital Commons

## **Newsletters:**

- Fall 2016 JEFFHOPE
- SciTech News Volume 70, Issue 4, 2016

## **Podcasts:**

- A Regional Community Asset to Facilitate Collaboration and Innovation
- CPR Ready: Educating and Empowering To Improve Sudden Cardiac Arrest Survival in Philadelphia
- Positioning Physician Practices to Deliver High-Value Care: The Interface of Primary Care and Specialty Care

## **PostDocs and Graduate Students Rock the Talk Series**

- Making your own Penicillin after the Zombie Apocalypse

## **Posters:**

- Delay discounting of pregnancy- and condom-protected sex among methadone-maintained women
- Intrahepatic Cholangiocarcinoma Presenting as LI-RADS 5 "HCC"
- A Case of Arteriportal Fistula Leading to Non-cirrhotic Portal Hypertension
- Implementing a Sizing Chart for Nasal Cannula Placement to Decrease Associated Pressure Ulcers in Infants

- Bridging the Gap: Characterization of a Dual Pharmacist Role in Drug Information and Investigational Drug Services
- Calcium uptake hotspots in the mitochondria of cardiac muscle at the interface with dyadic SR
- Pulse Shaping for Improved Diagnosis of Portal Hypertension Using Subharmonic Aided Pressure Estimation
- Machine Learning Prediction of Seizure Outcome with Presurgical Resting-State fMRI Data
- The H.E.R.E.© Curricular Model...Educating Nursing Students for 21st Century Health Care

### **Specialty Updates**

- What's New in Musculoskeletal Infection: Update on Biofilms

### **Symposium and Conference:**

- 11th Annual Pancreatic Cancer and Related Diseases
- 2016 JCIPE Conference
- Reducing Cancer Disparities by Engaging Stakeholders (RCaDES) 1st Annual Conference

### **What People are Saying about the JDC:**

Country: Italy

Role: faculty

Comments: very interesting article

Name: Richard Hom

Country: US

Role: student

Resource URL: <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1015&context=phbfp>

Comments: I am doing a dissertation on vision impairment and functional disability