Jefferson Digital Commons quarterly report: October-December 2016

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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)

5. **Evaluating The Decision Making Process of Pediatricians' Recommendations for First Complementary Foods in Infants** (MPH Capstone presentation, 297, posted April 18, 2016)

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

![Map showing global readership distribution](image)

**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 eEEG 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

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

Resource URL: [http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1015&context=phbf](http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1015&context=phbf)