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Jefferson Digital Commons quarterly report: July-September 2017

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Jefferson Digital Commons Quarterly Report: **July-September 2017**

The JDC continues to grow and currently contains:

- 12,973 assets
- 3,362,075 downloads
- With over 500,000 million downloads in the past year

This quarter 259 new assets were added to the JDC. Most downloaded asset (69) added this quarter is:

[Addressing Barriers to Breast Cancer Screening: Where to Intervene to Increase Mammogram Completion Rates](#)

Below are assorted highlights of assets added over the past quarter along with [What People are Saying](#) about the Jefferson Digital Commons to end the report.

Articles:

- [Chromatin proteins and RNA are associated with DNA during all phases of mitosis](#)
- [Corrosion and Tribology of Materials Used in a Novel Reverse Hip Replacement](#)
- [DACH1 suppresses breast cancer as a negative regulator of CD44](#)
- [Disseminated Nocardia cyriacigeorgia causing pancreatitis in a haploidentical stem cell transplant recipient](#)
- [\$\Delta\$ FosB Regulates Gene Expression and Cognitive Dysfunction in a Mouse Model of Alzheimer's Disease](#)
- [The effects of C5-substituted 2,4-diaminoquinazolines on selected transcript expression in spinal muscular atrophy cells](#)
- [Evaluating the Relationship Between Participation in Student-Run Free Clinics and Changes in Empathy in Medical Students](#)
- [Lack of evidence for involvement of TonEBP and hyperosmotic stimulus in induction of autophagy in the nucleus pulposus](#)
- [New interleukin-15 superagonist \(IL-15SA\) significantly enhances graft-versus-tumor activity](#)

Assets:

- 1st Annual Digital Teaching Inventory Initiative

Confronting Racism, Bias, and Social Injustice in Healthcare: A Lecture Series

- Black Man in a White Coat - A Doctor's Reflection on Race and Medicine

CREATE DAY (Occupational Therapy Capstone presentations)

- Restoring Roles: Improving Participation in Meaningful Life Roles Following Cord Injury
- Oh the Places You'll Go: Assessing the Effectiveness of Community Interventions for Adults with Physical Disabilities
- Building the Foundation: Community Integration through Life Skills Interventions for Individuals Experiencing Homelessness
- Substance Abuse Recovery: What are you Coping For?
- Occupational Therapy's Role in Reducing Length of Stay in Inpatient Care
- Use of Robotics to Improve Upper Extremity Function in Adults with Neurological Conditions
- Brain Play: Identifying Diverse Interventions to Improve the Ability to Participate in Play Among Children with Brain Injuries
- Lines and Tubes and Barriers, Oh My!: A Systematic Review of Occupational Therapy's Role in ADL Participation for the Hospitalized Child
- Let's Make Moves: An Exploration of Occupational Therapy Interventions for Sedentary Workers
- You Can't Spell Obesity Without O and T: Occupational Therapy in the Treatment of Childhood Obesity
- Aging in Place and Dignity and Grace: A Systematic Review of Interventions for Instrumental ADL independence among Community-Dwelling Older Adults

Grand Rounds:

- Randomized Controlled Trials in Surgery: History, Utility and Examples
- Rwanda Primary Care Enrichment Project
- Jefferson Family and Community Medicine Vaccine Update 2017
- Teaching Residents to Teach: Evidence-Based Approaches to Feedback
- Suboxone Basics

- Teaching Residents to Teach: Effective Lecturing
- Integration of Medication Abortion into Primary Care Practice and Teaching: An Intersection of Patient Care, Reproductive Justice and Advocacy
- No Time To Care
- Eating Disorders: Diagnosis and Treatment in Primary Care
- Chronic Pain Management in Primary Care
- Aerobic or Resistance Exercise, or Both, in Dieting Obese Older Adults
- Tales from the wards: stalking blood diseases as a pediatric physician scientist (Allan J. Erslev Lecture)
- Complex Perianal and Perineal Fistulas: A Look at the Past, Present, and Future
- Pink PLUS
- Abnormal hepatic function panel: when do we care?
- Providing Developmentally Appropriate Care to Children and Adolescents
- How does unconscious bias affect your work? How does it affect your life?
- Evaluation of the Older Adult Driver

Industrial Design and Occupational Therapy Posters

- Occupational Therapy and People Living with Scoliosis and Undermineralized Bones

Newsletters

- A Word from the Writing Center (July 2017)
- A Word from the Writing Center (September 2017)
- SciTech News Summer 2017
- Population Health Matters Summer issue
- The Bulletin: Sidney Kimmel Medical College at Thomas Jefferson University, Volume 66, Issue 1, Spring 2017

Nexus Maximus Posters

- INTGRT
- Refugee.jobs
- The Children's Community Center
- Mission Southbound
- It Takes a Village
- Unite App
- Combating the Problem of Smuggling Via Legal Refugee Transport Agencies

- Half Full: A Personal Water Collection System
- refYOUgee
- Sheltify
- S.A.V.E.-Safety and Vitals Emitter
- Hope Box
- Ready Bag
- The Trade Exchange
- Portable Privacy
- Category 5
- Solar Stove
- Refugee Connects
- Amicus: Communication across languages
- Space Data Industries"
- NAH-Atlas
- Life
- Bookbox

Podcast:

- Population Health Informatics: Challenges, Opportunities, and Case Studies

Posters:

- Utilization of Care by Infants with Neonatal Abstinence Syndrome in Delaware
- The Use of Quiet Books with People with Late State Dementia: A Case Study
- The Effect of Undergraduate Exposure and Experience on Choosing to Pursue a Pharmacy Degree
- A Case of Severe Insulin Resistance in a Diabetic Patient Being Treated for Acute Promyelocytic Leukemia with Arsenic and Glucocorticoids
- Finding the Right FIT to Improve Colorectal Cancer Screening
- Symptomatic Choledocholithiasis After Cholecystectomy
- “Step & Shoot” Cardiac Gated CT for Detection of Pulmonary Embolism: Technique and Advantages
- Optimal Radionuclide Imaging of Splenic Disorders: The Value of SPECT/CT
- Strategic approach of an urban 900-bed academic medical center to combat Clostridium difficile infection transmission using staff engagement
- Reduction of Central line Associated Bloodstream Infections in an Urban 40 bed, Level III Neonatal Intensive Care Unit when new practices were implemented

- Evaluating the Sensitivity of the NanoStrong nCounter® Analysis System to Determine Gene Expression Changes Associated with Chemotherapy Treatment
- A delayed h3k27me3 accumulation after DNA replication of embryonic stem cells opens chromatin for lineage specific transcription factors to bind and initiate differentiation
- The Added Value of SPECT/CT in Endocrinology: A Pictorial Essay
- Interdisciplinary Learning Project
- Firing Up Instead of Burning Out: Tales from the front line of the Cake Committee
- Culture of Mobility

House Staff Quality Improvement and Patient Safety Posters

- It's Midnight. Do you know how your patient is doing?
- Improving Resulted Hemoglobin A1c Rates: A Feasibility Study for Point-of-Care Hemoglobin A1c Testing at an Urban Family Medicine Office
- Improving Blood Donor Diversity Through Focused Recruitment Interventions
- Maintaining Continuity in a resident run clinic-Impact of the 6+2 Scheduling
- Standardization of Monofilament use in a Resident-Run Clinic
- Preventing Isolated Perioperative Reintubation: Who is at highest risk?
- Quantifying Patient Reported and Documented Compliance with Adjuncts to Venous Thromboembolism Prophylaxis
- Beat to Beat: Implementing a Tailored Literature Review e-Newsletter for a Multidisciplinary Subspecialty Group
- Shedding Light on the Off-Hours Coverage Gap in Radiology: Improving Turnaround Times and Critical Results Reporting
- A video-based educational intervention for providers regarding colorectal cancer screening
- Risk Factor Analysis for 30-Day Readmission Rates of Newly Tracheostomized Children
- Implementation of a Standardized Handoff System for a General Surgery Residency Program
- A quality improvement project to reduce the wait time for initial appointment in an urban outpatient sleep center
- Improving the Patient Colonoscopy Prep Experience
- How good are we at determining risk? Quantifying the accuracy of clinician determined risk for VTE prophylaxis
- "Use of Standardized Patient Scenarios to Train Medical Assistants in an Ambulatory Rehabilitation Medicine Clinic
- Contact precautions-How patient centered are they?
- Vaginal Preparation with Povidone Iodine prior to Cesarean Delivery
- Echocardiography role in syncope Patients

- Utilization of a multimodal preoperative pain regimen prior to gynecologic oncology exploratory laparotomies
- Transrectal Ultrasound Guided Prostate Biopsy Antibiotic Prophylaxis: Standard vs. Augmented Antibiotic Regimens, and the Role for Pre-Biopsy Rectal Swab Cultures
- Standardized Consent Forms for Surgical Procedures: An Intervention to Improve the Resident-led Informed Consent Process
- Does Physician Education of Alternative Therapies for Obstructive Sleep Apnea Improve Utilization?
- Consolidation of P2Y12 Testing While Maintaining Quality and Turnaround Time
- Quiet in the Operating Room! Team STEPPS and OR Distractions
- Addressing Barriers to Breast Cancer Screening: Where to Intervene to Increase Mammogram Completion Rates
- Quality Review of Irradiated Cellular Blood Product Orders
- Improving Proficiency in Central Venous Catheter Insertion: Standardized Simulation Based Training for Internal Medicine House Staff
- Increasing Ultrasound-Guided Thyroid Biopsy Yield
- Ambulation protocols leading to decreased postoperative complications and hospital stay
- Philadelphia Drug Monitoring Program and Compliance with Department of Health Requirements
- Increasing Effectiveness of the Surgical Airway Response System: Introduction of the Otolaryngology Airway Pager, Quality Improvement Project of the PGY-2 Class
- Perioperative Glycemic Management
- Limited post-operative narcotic use in elective laparoscopic cholecystectomy
- Filling the Void: A Low Cost, High-Yield Method to Addressing Incidental Findings in Trauma Patients
- Tracking and Improving Bedside Procedures Through Standardized Documentation
- Analysis of Clostridium difficile patterns at Thomas Jefferson University Hospital

Posters from CSHLA Scholar Day from April 21, 2017

- A Company-Wide Initiative to Improve Screening for Vision Impairment
- An Investigation of the Kinetics and Equilibrium Chemistry of Cold-Brew Coffee: Caffeine and Chlorogenic Acid Concentrations as a Function of Roasting Temperature and Grind Size
- Biochar Derived from Cotton Fiber Feedstock: Characterization of Material and Potential for Adsorptive Capacity
- Sensory-Based Interventions in the School Setting: Perspectives of Paraeducators

- [Sleep Quality and Quantity may differ by design versus health science majors at Philadelphia University](#)
- [The Inhibitory Effects Demonstrated by Manuka Honey on Biofilms: How Manuka Honey May Soon Replace Conventional Antibiotic Therapy](#)

Student Publication:

- [A Prospective Randomized Study Analyzing Preoperative Opioid Counseling in Pain Management After Carpal Tunnel Release Surgery](#)

Student Presentation:

- [Interprofessional Grand Rounds: Student Hotspotting Team 2016-2017](#)

Yearbooks

- [1977 Clinic](#)
- [1978 Clinic](#)
- [2009 Clinic](#)

What People are Saying About the JDC:

Name: Kim Broadnax

Country: US

Resource URL: <http://jdc.jefferson.edu/hplectures/53/#IDComment1045885776>

Comments: It is impressive to be able to see young people convene in a manner such as what was provided through the opportunity of involvement with Next City. The fact that they were able to work towards a common goal and achieve a status that included a monetary gift to assist a deprived community is awesome! I am excited that my daughter was able to be a part of this experience!

Name: Javier Casillas MD

Country: MX (Mexico)

Role: researcher

Resource URL: <http://jdc.jefferson.edu/pacbf/121/>

Comments: I am very grateful for the opportunity to access this type of useful work to expand my knowledge in stem cells and their sustained clinical application

Country: US

Role: researcher

Resource URL: "Catalogue of the Faculty and Students of Jefferson Medical College of Philadelphia, for the Session 1845-6 with a List of the Graduates of March, 1845" (1845).Jefferson Medical College Catalogs.Paper 69.

http://jdc.jefferson.edu/jmc_catalogs/69/

Comments: I used this resource while doing family genealogy. Thank you! I found my relative.

Name: Sylvia Syracuse

Country: US

Role: Independent Researcher

Resource URL: http://jdc.jefferson.edu/alumni_bulletin/93/

Comments: Thank you for posting the commencement program of 1923, my father's year. His name was Victor Royce Syracuse. He is mentioned in this Alumni Bulletin of 1960 as well.

Name: Suzanne Glover Lindsay

Country: US

Role: researcher

Resource URL: <http://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1049&context=wagner2>

Comments: I am pursuing material on the history of the relations between Jefferson and St. Stephen's Episcopal Church just north of Main Building (the inaugural Ely Building), beginning with the early years for both. I am Consulting Art Historian and Archivist for the church.

Country: US

Role: Banker in Healthcare

Resource URL: <http://jdc.jefferson.edu/hpforum/113/>

Comments: I attended the forum. Thank you for bringing in one of the most qualified persons to speak on this topic. It appears that he is a pioneer in the field. His presentation was straight forward, clear and funny. I gave me a great assessment of what HIT encompasses, where we stand in its development and its potential.

Country: US

Role: faculty

Resource URL: <http://jdc.jefferson.edu/rothinsposters/>

Comments: of great help