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## Jefferson Digital Commons quarterly report: April-June 2021

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# Jefferson Digital Commons Quarterly Report: April-June 2021

Readership distribution



Summer is here, and with it is the latest edition of the JDC Quarterly Report. Over the last three months there were:

- **430** works posted
- **183,226** downloads
- **5,413** streams
- **196** countries that visited the site
- **6,372** institutions that accessed content

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- [Capturing Initial Understanding and Impressions of Surgical Therapy for Parkinson's Disease](#)
- [Monitoring tissue oxygenation index using near-infrared spectroscopy during pre-hospital resuscitation among out-of-hospital cardiac arrest patients: a pilot study](#)
- [STATegra: Multi-Omics Data Integration - A Conceptual Scheme With a Bioinformatics Pipeline](#)
- [Racial disparities in post-acute home health care referral and utilization among older adults with diabetes](#)
- [C1q complement/tumor necrosis factor-associated proteins in cardiovascular disease and covid-19](#)
- [FIGO \(international Federation of Gynecology and obstetrics\) initiative on fetal growth: best practice advice for screening, diagnosis, and management of fetal growth restriction](#)
- [Long-Term Effects of Very Low Dose Particle Radiation on Gene Expression in the Heart: Degenerative Disease Risks](#)
- [Commentary: Coronavirus, cysts, and catheters](#)
- [Neurological manifestations as the predictors of severity and mortality in hospitalized individuals with COVID-19: a multicenter prospective clinical study](#)
- [Development and Validation of a Prediction Model for Stroke, Cardiac, and Mortality Risk After Non-Cardiac Surgery.](#)
- [The TrkA agonist gambogic amide augments skeletal adaptation to mechanical loading.](#)
- [Three-dimensional structure of human cyclooxygenase \(hCOX\)-1.](#)
- [Dual Targeting of CDK4/6 and cMET in Metastatic Uveal Melanoma.](#)
- [International evidence-based consensus diagnostic and treatment guidelines for unicentric Castleman disease.](#)
- [Collaboration Therapy: Telehealth Principles and Case Studies](#)
- [Pediatric resident knowledge, experience, comfort, and perceived competency in providing sibling psychosocial support.](#)
- [Initial Clinical Experience of MR-Guided Radiotherapy for Non-Small Cell Lung Cancer.](#)
- [Conservation and Innovation: Versatile Roles for LRP4 in Nervous System Development.](#)

- Management of Iatrogenic Coronary Artery Dissections Failing to Prepare Is Preparing to Fail
- Safety and efficacy of Hypofractionated stereotactic radiosurgery for high-grade Gliomas at first recurrence: a single-center experience.
- PCTP contributes to human platelet activation by enhancing dense granule secretion
- Association of Dietary Total Antioxidant Capacity with Bone Mass and Osteoporosis Risk in Korean Women: Analysis of the Korea National Health and Nutrition Examination Survey 2008-2011
- Sex Differences in Ischemic Stroke Outcomes in Patients With Pulmonary Hypertension
- Coronary Vasospasm: Not Gone But Often Forgotten
- The Mediating Role of Pain Catastrophizing on the Association Between Depression and Pain Severity and Interference Among Elderly Asian Immigrants with Chronic Pain
- PD1 inhibitor induced inverse lichenoid eruption: a case series
- Fructosamine is a valuable marker for glycemic control and predicting adverse outcomes following total hip arthroplasty: a prospective multi-institutional investigation
- TonEBP regulates the hyperosmotic expression of aquaporin 1 and 5 in the intervertebral disc.
- Macrophage and adipocyte interaction as a source of inflammation in kidney disease
- Liver Cancer-Specific Serine Protease Inhibitor Kazal Is a Potentially Novel Biomarker for the Early Detection of Hepatocellular Carcinoma
- Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study.
- Seizure Clusters, Seizure Severity Markers, and SUDEP Risk.
- Preliminary data on the potential for unintentional antidoping rule violations by permitted cannabidiol (CBD) use.
- Incidence and Severity of Drug Interactions Before and After Switching Antiretroviral Therapy to Bictegravir/Emtricitabine/Tenofovir Alafenamide in Treatment-Experienced Patients.
- Stereotactic body radiation therapy (SBRT) for patients with stage I non-small cell lung cancer is applicable to more tumors than sublobar resection
- Combinatorial use of both epigenetic and non-epigenetic mechanisms to efficiently reactivate hiv latency
- Declining Intensive Care Unit Mortality of COVID-19: A Multi-Center Study
- Spiritual Fitness: A New Dimension in Alzheimer's Disease Prevention
- Voxelotor Modulates the Analgesic Effect of Certain Opioids.
- A Diagnostic Dilemma of Antiglutamic Acid Decarboxylase 65 (Anti-GAD 65) and Mycoplasma Pneumoniae Antibodies in a Girl Presenting with Acute-Onset Obsessive-Compulsive Disorder.
- Allocation of Anchors During Labral Repair: A Multicenter Cohort Analysis of Labral Treatment in Hip Arthroscopy.
- Effects of Combining Meditation Techniques on Short-Term Memory, Attention, and Affect in Healthy College Students.
- Minimally invasive transhiatal esophagectomy
- GAD antibody-spectrum disorders: progress in clinical phenotypes, immunopathogenesis and therapeutic interventions.

- Analysis of ultrasonographic misdiagnosis of cephalothoracopagus janiceps conjoined twins: A case report
- The transcriptional trajectories of pluripotency and differentiation comprise genes with antithetical architecture and repetitive-element content.
- Psychological experience and coping strategies of patients in the Northeast US delaying care for infertility during the COVID-19 pandemic.
- Reduction in unplanned hospitalizations associated with a physician focused intervention to reduce potentially inappropriate medication use among older adults: a population-based cohort study.
- Collaborating to offer HPV vaccinations in jails: results from a pre-implementation study in four states
- High-Dose-Rate Brachytherapy for the Treatment of Basal and Squamous Cell Carcinomas on Sensitive Areas of the Face: A Report of Clinical Outcomes and Acute and Subacute Toxicities
- Atg16L1 as a Novel Biomarker and Autophagy Gene for Diabetic Retinopathy.
- Analysis of an obstetrics point-of-care ultrasound training program for healthcare practitioners in Zanzibar, Tanzania.
- Approaching Neoadjuvant Therapy in the Management of Early-Stage Breast Cancer.
- Inactivated rabies virus vectored SARS-CoV-2 vaccine prevents disease in a Syrian hamster model.
- Barriers to Psychosocial Support and Quality of Life for Patients with Inflammatory Bowel Disease: A Survey Study
- Impact of mechanical circulatory support on donor heart allocation: past, present, and future.
- Resident immune cells of the avascular lens: Mediators of the injury and fibrotic response of the lens.
- Angiotensin converting enzyme inhibitors and angiotensin receptor blockers in acute heart failure: invasive hemodynamic parameters and clinical outcomes.
- White paper on ophthalmic imaging for choroidal nevus identification and transformation into Melanoma
- Redefining cancer of unknown primary: Is precision medicine really shifting the paradigm?
- Reduction in Hospital System Opioid Prescribing for Acute Pain Through Default Prescription Preference Settings: Pre-Post Study
- Hitting the Bullseye: Are extracellular vesicles on target?
- A stress-free strategy to correct point mutations in patient iPSC cells
- The Impact of 2020 and the Future of Cardiology Training: How Do We Innovate?
- Platelets as drivers of ischemia/reperfusion injury after stroke.
- Will the COVID-19 Pandemic Finally Fuel Drug Repurposing Efforts?
- Correlations between Coffee Consumption and Metabolic Phenotypes, Plasma Folate, and Vitamin B12: NHANES 2003 to 2006.
- Ensuring Racial Equity in Midwifery Education Programs: Beginning Steps for Midwifery Education.
- Remembering.

- Initial Experience in Monitoring QT Intervals Using a Six-lead Contactless Mobile Electrocardiogram in an Inpatient Setting.
- Commentary on "A Prospective, Single-Blinded, Bicentric Study, and Literature Review to Assess the Need of C2-Ganglion Preservation - SAVIOUR's Criteria".
- Safety and improved efficacy signals following gene therapy in childhood blindness caused by GUCY2D mutations
- Characteristics of Nontuberculous Mycobacterial Infections at a Midwestern Tertiary Hospital: A Retrospective Study of 365 Patients.
- What Can COVID-19 Teach Us about Using AI in Pandemics?
- The Protective Effect of Traditional Chinese Medicine on Liver Ischemia-Reperfusion Injury.
- NBTXR3 Radiotherapy-Activated Functionalized Hafnium Oxide Nanoparticles Show Efficient Antitumor Effects Across a Large Panel of Human Cancer Models.
- Biomechanics of Circumferential Cervical Fixation Using Posterior Facet Cages: A Cadaveric Study.
- Impaired 26S Proteasome Assembly Precedes Neuronal Loss in Mutant UBQLN2 Rats.
- Undergraduate Research in the Time of COVID-19: A Remote Imaging Protocol for Physically Distanced Students Studying Wildlife.
- Elevated APOBEC mutational signatures implicate chronic injury in etiology of an aggressive head-and-neck squamous cell carcinoma: a case report.
- Considerations of expanded carrier screening: Lessons learned from combined malonic and methylmalonic aciduria.
- Participation in an Advanced Anatomy Capstone Project Facilitates Student Involvement in the Development of an Instructional Tool for Novel Dissection
- Effect of a Virtual Reality-Enhanced Exercise and Education Intervention on Patient Engagement and Learning in Cardiac Rehabilitation: Randomized Controlled Trial.
- Identification of a CTRP9 C-Terminal polypeptide capable of enhancing bone-derived mesenchymal stem cell cardioprotection through promoting angiogenic exosome production.
- Life during the pandemic: an international photo-elicitation study with medical students.
- Novel and Emerging Therapies for Inflammatory Bowel Disease.
- Hypertension as a sequela in patients of SARS-CoV-2 infection.
- Impact of Age on Consent in a Geriatric Orthopaedic Trauma Patient Population.
- Presence and Implications of Sarcopenia in Non-alcoholic Steatohepatitis.
- Cytokine storms, evolution and COVID-19
- Wide unroofed coronary sinus and cryptogenic stroke: a case report.
- Cardiac resynchronization therapy in continuous flow left ventricular assist device recipients: A systematic review and meta-analysis from ELECTRAM investigators
- Simulation Centers and Simulation-Based Education during the Time of COVID 19: A Multi-Center Best Practice Position Paper by the World Academic Council of Emergency Medicine.
- Evolving Library Space & Services: Applied Nexus Learning
- Obesity and Obstructive Airways Disease: Clinical Correlates and Therapeutic Considerations

- An insulator blocks access to enhancers by an illegitimate promoter, preventing repression by transcriptional interference.
- The Human in the Middle: Artificial Intelligence in Health Care Summary Proceedings Symposium Presentation and Reactor Panel of Experts Thomas Jefferson University December 10, 2019.
- Specter of Reform: Understanding the Violent Crime Control and Law Enforcement Act of 1994 and its Role in Expanding the Modern Prison Industrial Complex
- Choline-Sigma-1R as an Additional Mechanism for Potentiation of Orexin by Cocaine
- Upregulation of Inflammatory Cytokines in Pulmonary Embolism Using Biochip-Array Profiling.
- The influence of axial myopia on optic disc characteristics of glaucoma eyes.
- Highlighting gaps in spinal cord injury research in activity-based interventions for the upper extremity: A scoping review.
- Lack of observed tolerance to diazepam nasal spray (Valtoco®) after long-term rescue therapy in patients with epilepsy: Interim results from a phase 3, open-label, repeat-dose safety study.
- Comparison of radiomic feature aggregation methods for patients with multiple tumors.
- Use of Polarized Light in the Diagnosis of "Fuzz" Granuloma in the Conjunctiva of a Child.
- Phenotype Expression Variability in Children with GABRB3 Heterozygous Mutations.
- Genetic murine models of spinal development and degeneration provide valuable insights into intervertebral disc pathobiology.
- Preventing Colorectal Cancer: Pathway to Achieving an 80% Screening Goal in the United States: Overview and Proceedings of a Population Health Advisory Board.
- Achieving Value in Spine Surgery: 10 Major Cost Contributors.
- Bundled Payment Models in Spine Surgery.
- Implementation of an enhanced recovery protocol in gynecologic oncology.
- Isolation and Characterization of Human Colon Adenocarcinoma Stem-Like Cells Based on the Endogenous Expression of the Stem Markers.
- The Quandary of DNA-Based Treatment Assessment in De Novo Metastatic Prostate Cancer in the Era of Precision Oncology.
- Gray Matter Sampling Differences Between Subdural Electrodes and Stereoelectroencephalography Electrodes.
- Targeting resistance to radiation-immunotherapy in cold HNSCCs by modulating the Treg-dendritic cell axis.
- Unraveling the role of microRNA/isomiR network in multiple primary melanoma pathogenesis.
- Inflammatory myopathies: update on diagnosis, pathogenesis and therapies, and COVID-19-related implications.
- Prevalence of Malaria Parasite Infections among U.S.-Bound Congolese Refugees with and without Splenomegaly.
- Impaired wound healing, fibrosis, and cancer: The paradigm of recessive dystrophic epidermolysis bullosa
- Impact of Body Mass Index on COVID-19-Related In-Hospital Outcomes and Mortality.

- Multi-Sector Partnerships and Networks to Support Social Health, Medical Education, and Return on Investment.
- Proceedings of the Eighth Annual Deep Brain Stimulation Think Tank: Advances in Optogenetics, Ethical Issues Affecting DBS Research, Neuromodulatory Approaches for Depression, Adaptive Neurostimulation, and Emerging DBS Technologies
- A high affinity, partial antagonist effect of 3,4-diaminopyridine mediates action potential broadening and enhancement of transmitter release at NMJs
- NK cell-derived GM-CSF potentiates inflammatory arthritis and is negatively regulated by CIS
- Nicotine aggravates vascular adiponectin resistance via ubiquitin-mediated adiponectin receptor degradation in diabetic Apolipoprotein E knockout mouse
- Goals-of-Care Course for Emergency Physicians during the COVID-19 Pandemic.
- Risk Scores and Machine Learning to Identify Patients With Acute Periprosthetic Joints Infections That Will Likely Fail Classical Irrigation and Debridement.
- Managing Polypharmacy in Older Adults with Cancer Across Different Healthcare Settings.
- Staphylococcus aureus Floating Biofilm Formation and Phenotype in Synovial Fluid Depends on Albumin, Fibrinogen, and Hyaluronic Acid
- A Phase I Trial of the MET/ALK/ROS1 Inhibitor Crizotinib Combined with the VEGF Inhibitor Pazopanib in Patients with Advanced Solid Malignancies
- Return to play rates after ulnar nerve transposition and decompression surgery: a retrospective analysis.
- Outcomes of chronic distal biceps reconstruction with tendon grafting: a matched comparison with primary repair.
- Emerging targets for the diagnosis of Parkinson's disease: examination of systemic biomarkers.
- Osseous changes following reverse total shoulder arthroplasty combined with latissimus dorsi transfer: a case series
- A Randomized Trial to Improve Adherence to Follow-up Eye Examinations Among People With Glaucoma
- A Shocking Case of Far-Field Atrial Oversensing in Giant-Cell Myocarditis
- Differences in NT-proBNP Response and Prognosis in Men and Women With Heart Failure With Reduced Ejection Fraction.
- Sepsis in two hospitals in Rwanda: A retrospective cohort study of presentation, management, outcomes, and predictors of mortality.
- Anterior Chamber Characteristics, Endothelial Parameters, and Corneal Densitometry After Descemet Stripping Automated Endothelial Keratoplasty in Patients With Fuchs Dystrophy.
- Resistance to lethal ectromelia virus infection requires Type I interferon receptor in natural killer cells and monocytes but not in adaptive immune or parenchymal cells.
- Textile education during the 2020 pandemic: experiences in US, South Africa and Germany
- Lessons Learned After 760 Neurointerventions via the Upper Extremity Vasculature: Pearls and Pitfalls.



- Use of a Cancer Registry to Evaluate Patient-Reported Outcomes of Immune Checkpoint Inhibitors.
- Radiologic Measurements in the Assessment of Patellar Instability: A Systematic Review and Meta-analysis.
- Timing of Home Health Care Initiation and 30-Day Rehospitalizations among Medicare Beneficiaries with Diabetes by Race and Ethnicity.
- Review article: diagnosis, management and patient perspectives of the spectrum of constipation disorders.
- A grief all its own
- Preparing historically underrepresented trainees for biomedical cancer research careers at Huntsman Cancer Institute/University of Utah Health.
- Integration of circulating tumor cell and neutrophil-lymphocyte ratio to identify high-risk metastatic castration-resistant prostate cancer patients.
- Chitosan/Gelatin/Silver Nanoparticles Composites Films for Biodegradable Food Packaging Applications.
- Common concerns, barriers to care, and the lived experience of individuals with hepatitis B: a qualitative study.
- The effect of Humantude care methodology on improving empathy: a six-year longitudinal study of medical students in Japan.
- Characterization and Clinical Significance of EIF1AX Mutations and Co-Mutations in Cytologically Indeterminate Thyroid Nodules: A 5-Year Retrospective Analysis.
- Ferumoxytol for the treatment of iron deficiency and iron-deficiency anemia of pregnancy.
- Can early treatment of twitcher mice with high dose AAVrh10-GALC eliminate the need for BMT?
- Seeking truer measures of success: Moving toward more rigorous evaluations of industry-led access to medicines programs.
- Automated Assessment of Thoracic-Abdominal Asynchrony in Patients with Morquio Syndrome.
- Menopause in Brazilian women with sickle cell anemia with and without hydroxyurea therapy.
- Whole-exome sequencing identifies somatic mutations and intratumor heterogeneity in inflammatory breast cancer.
- Female with intermittently bleeding abdominal wall mass.
- Aggressive Herpes Zoster in Young Patients With Multiple Sclerosis Under Dimethyl Fumarate: Significance of CD8
- Computational sentiment analysis of an online left ventricular assist device support forum: positivity predominates
- Polθ reverse transcribes RNA and promotes RNA-templated DNA repair
- Research Proposal: Assessing the Effectiveness of the "Business on Board" Program
- Facing death: Attitudes toward physician-assisted end of life among physicians working at a tertiary-care-hospital in israel
- The effect of critical shoulder angle on functional compensation in the setting of cuff tear arthropathy.

- Long term safety, tolerability, and efficacy of intracutaneous zolmitriptan (M207) in the acute treatment of migraine.
- A diverse nation calls for a diverse healthcare force.
- Effectiveness of the Care of Persons With Dementia in Their Environments Intervention When Embedded in a Publicly Funded Home- and Community-Based Service Program.
- Biomarkers of Thrombo-Inflammatory Responses in Pulmonary Embolism Patients With Pre-Existing Versus New-Onset Atrial Fibrillation.
- Partial vena cava occlusion (VCO) to counteract refractory heart failure: A new era in interventional heart failure strategy.
- Long-Term Safety of Growth Hormone Treatment in Childhood: Two Large Observational Studies: NordiNet IOS and ANSWER.
- Cannabis Use and Car Crashes: A Review.
- Mapping the little brain at the heart by an interdisciplinary systems biology team.
- Estimating the tolerance of brachial plexus to hypofractionated stereotactic body radiotherapy: a modelling-based approach from clinical experience.
- Development of malignancies and their outcomes in patients supported on continuous-flow left ventricular assist devices-a systematic review.
- Intravitreal Gene Therapy vs. Natural History in Patients With Leber Hereditary Optic Neuropathy Carrying the m.11778G>A ND4 Mutation: Systematic Review and Indirect Comparison
- Plasma Adenosine Deaminase (ADA)-1 and -2 Demonstrate Robust Ontogeny Across the First Four Months of Human Life.
- Reporting and Analyzing Race and Ethnicity in Orthopaedic Clinical Trials: A Systematic Review.
- Tumor metabolism and associated serum metabolites define prognostic subtypes of Asian hepatocellular carcinoma.
- Comparative analysis of 1152 African-American and European-American men with prostate cancer identifies distinct genomic and immunological differences.
- B Cells in Idiopathic Pulmonary Fibrosis: Targeting Immune Cells with Antifibrotic Agents.
- TMEM67, TMEM237, and Embigin in Complex With Monocarboxylate Transporter MCT1 Are Unique Components of the Photoreceptor Outer Segment Plasma Membrane.
- Forward-thinking design solutions for mechanical circulatory support: multifunctional hybrid continuous-flow ventricular assist device technology.
- Targeted Treatment of Head and Neck (Pre)Cancer: Preclinical Target Identification and Development of Novel Therapeutic Applications
- A phase 1b/2a study of soticlestat as adjunctive therapy in participants with developmental and/or epileptic encephalopathies.
- miRcorrNet: machine learning-based integration of miRNA and mRNA expression profiles, combined with feature grouping and ranking.
- Cinnamomum tamala leaf extract stabilized zinc oxide nanoparticles: A promising photocatalyst for methylene blue degradation
- Outcomes of Rescue Endovascular Treatment of Emergent Large Vessel Occlusion in Patients With Underlying Intracranial Atherosclerosis: Insights From STAR.
- RV lead placement - A forgotten cause of right heart failure.

- Purification and Use of tRNA for Enzymatic Post-translational Addition of Amino Acids to Proteins.
- COVID-19 treatment combinations and associations with mortality in a large multi-site healthcare system.
- Social Intervention by the Numbers: Evidence Behind the Specific Public Health Guidelines in the COVID-19 Pandemic.
- Treating Early-Stage DLBCL on the FLYER: What Lesson for Radiation Therapy?

### **CREATE Day Capstone Projects:**

- Time for a Good Night's Rest: Occupational Therapy Practice in Sleep after Domestic Violence
- Occupational Therapy's Role in the Restoration of Occupational Balance Following Disaster
- The Artillery of OT: Increasing Community Engagement Among American's Heroes

### **Department of Surgery Resident Research Day:**

- Employing a CRISPR-CAS9 Screen to Identify Mechanisms of Resistance to Anti-GPC3 CAR T Cell Therapy In HCC
- Above the Cuff Vocalization for Ventilator-Dependent Patients with Tracheostomies
- Clinical Significance of a Negative Elongation Factor-E (NELF-E) Single Nucleotide Polymorphism (SNP) in Hepatocellular Carcinoma (HCC)
- SARS-CoV-2 Messenger RNA Vaccine Antibody Response and Reactogenicity in Heart and Lung Transplant Recipients
- Evaluating the Risk of Peri-Umbilical Hernia after Sutured or Sutureless Gastroschisis Closure
- GUCY2C as a Stem Cell Marker and Target in Gastrointestinal Malignancies
- Determining the Effect of Mesh Width and Fixation Patterns on the Strength of Prophylactically Reinforced Laparotomy Incisions
- Primary Non-Function Following Liver Transplant: Optimizing Retransplantation Strategies through Recipient Characterization
- Opening Remarks

### **Dissertations:**

- Interactive Planning: An Applied Systems Thinking Approach from the Perspective of a Participant-Observer
- The Signaling Axis of  $\beta 1$  integrins in Prostate Cancer Extracellular Vesicle Biology
- Mechanisms of Voltage-Gated Na<sup>+</sup> Channel Inhibition by Propofol
- The Role of TNF $\alpha$  and IL-1 $\beta$  in Intervertebral Disc Disease and Health
- Targeting Poly (ADP) Ribose Glycohydrolase as a Combinatorial Strategy to Enhance DNA Damage in Gastrointestinal Cancers

- Pre-Clinical Investigations of the Second-Generation Polymeric Fluoropyrimidine, ARAC-FdUMP[10] (CF10), for the Treatment of Gastrointestinal Cancers
- Optimizing MEK Inhibitors in NRAS Mutant Melanoma - Overcoming Resistance and Combination Strategies
- A Systems Approach to Student Loan Default
- Respiratory Axon Plasticity Drives Recovery of Diaphragm Function After Spinal Cord Injury
- An Inclusive Leadership Model to Integrate Organizational Dynamics, Change Management, Change Leadership, and Diversity and Inclusion Needs for the Successful Implementation of Business Transformations
- A Systems Thinking Approach to Formulating the Problem of Military Sexual Trauma Among Black Female Veterans

### **Grand Rounds and Lectures:**

- Euthanasia & Physician-Assisted Dying: An overview and comparison between the US and Europe
- Social Isolation: Impact on Physical and Mental Health
- Preparticipation Evaluation of the Special Olympics Athlete
- The Limping Child
- The Long Journey to Health Equity: A Candid Conversation about Public Health in Philadelphia
- Patellofemoral Disfunction
- Suicide Assessment
- Violence Has No Home in Healthcare
- Focus More on Care and Less on Coding: Technology Enabled Approach to Improving Coding Accuracy
- Back to the Future: Secrets to Success in Academic Surgery
- A brief history of aortic aneurysm repair
- Dynamic Duo Presentation: Targeting Defects In DNA Damage Response In Pancreatic Cancer
- Endoflip (The Endoluminal Functional Lumen Imaging Probe)
- Stem Cells in General Surgery
- The Evolution of Breast Imaging
- Colorado's Combined Hospital Transfer Center: Ensuring Care for All Coloradans
- Next Generation Patient Flow: Innovations to Restructure Hospital Operations to Achieve your Quality, Safety & Financial Goals
- Sarcopenia: A Functional Chronic Disease
- Acupuncture for Pain
- Reforming Surgical Education in the 21st Century
- Sepsis in 2020: "Early Recognition and Treatment"
- From Climate Change to COVID-19: Using Entertainment-Education for Public Health
- The Office of the Surgeon General and the Two Surgeons who Have Held the Role
- Mindset, Medicine and You
- Polycystic Ovarian Syndrome for the PCP

- Sports Medicine Update for the PCP
- “Taking the Pulse of Jefferson Primary Care: Provider and Team Wellness Survey Results and Next Steps”
- Best Practices for Perinatal Care during COVID-19
- The Role of Medical Affairs in Health Outcomes Data Generation and Communication
- Limb Salvage vs. Amputation for Complex Lower Extremity Injuries
- Evolution of the JClub
- The Power of Personality
- Building an Integrative Medicine Consultation Service in Oncology Q&A Session
- CRIS + HIPEC: Evolving Treatment Paradigm for Peritoneal Surface Malignancies
- The Journey of SGLT2i at TJUH - March 3, 2021
- Women in Health Data Science and Statistics
- Addressing Social Determinants of Health: Practicalities for Healthcare Systems
- Chronic Kidney Disease for the PCP
- Staring down the barrel: The past and future of transanal Total Mesorectal Excision (taTME)
- Outpatient Anticoagulation Management
- Cardiovascular Disease: The Heart-Gut Connection
- Amplified Pain Syndrome in Children
- Russell L. Ackoff Centennial Celebration - Panel Presentation
- Save Environment of Care: Lessons from COVID-19
- Dynamic Duo: Hepatocellular Carcinoma

### **House Staff Quality Improvement and Patient Safety Conference:**

- Improving the Virtual Neurosurgery Residency Interview Experience
- Improving Understanding Of and Compliance With Anti-Shivering Protocols During Therapeutic Hypothermia with Just-In-Time Training
- Introduction of GI Wellness Committee to reduce GI fellow burnout and improve wellness.
- Mind the Gap: A Call for Attention at the Telemetry Station
- Preventing Iatrogenic Pneumothorax “Just-In-Time”
- Addressing Health Disparities and Access in the Department of Neurology Outpatient Setting in the era of the COVID-19 Pandemic: A Quality Improvement Initiative
- Adolescent and Young Adult Oncology Patient and Provider Perspectives in Philadelphia (AYA-4P)
- Improving Follow Up Compliance for Patients with Sleep Disordered Breathing at Jefferson Sleep Center
- Improving Practice Accessibility Through MyChart Utilization
- Improving Sensitivity to and Inclusivity of LGBT Older Adults in an Urban Geriatric Practice
- Team-based Outreach to Improve Colorectal Cancer Screening Rates in an Urban Family Medicine Practice
- Addressing Catheter Associated UTI in the Neuro ICU

- Addressing the Limitations of Neurosurgical Care via Telemedicine
- Alteplase administration for acute ischemic stroke (AIS) in ER - a 5-year review
- Evaluating Advance Care Planning in Patients with Amyotrophic Lateral Sclerosis: A Retrospective Chart Review
- Evaluating the reliability of the problem list for comorbidity
- Improving Colon Cancer Screening Rates in an Ambulatory Resident Clinic
- Improving Rates of Nephrology Referral for Patients with Chronic Kidney Disease in Resident Clinic
- Improving Safety of Direct Oral Anticoagulant (DOAC) Dosing in Patients with Severe Chronic and End-Stage Renal Disease
- Improving Serial Imaging Protocols in Spontaneous Intracerebral Hemorrhage
- Improving the Use of Asthma Action Plans
- Increasing Depression Screening and Treatment
- Increasing the rate of excisional lymph node biopsies at easily accessible sites when ruling out lymphoma
- Provider Use of Risk Stratification Tools for PE and CTA Ordering Practices
- Quality of Post-Discharge Follow-Up in Patients Admitted to TJUH with Intermediate High Risk Pulmonary Embolism
- The “OK” Guideline: Implementing an Electronic Electrolyte Repletion Guideline for Improving Rates of Oral Potassium and Magnesium Delivery
- Decreasing Post Insulin Hypoglycemia Incidence in End Stage Renal Disease (ESRD) patients
- Evaluating the Efficacy of a Nursing-Driven versus Provider-Driven Heparin Protocol
- Improving Utilization of SGLT2 Inhibitors in the Inpatient Setting
- Medication Safety in the Operating Room
- Outpatient Mineralocorticoid Receptor Antagonist Prescription Rate for Heart Failure
- Tolerability of Switching Cholinesterase Inhibitors to Memantine Monotherapy Versus Adding Memantine as Combination Therapy for All-Cause Neurodegenerative Disorders
- A Safety Assessment of the Re-opening of an Academic Medical Center Outpatient Endoscopy Unit During the COVID-19 Pandemic
- Perioperative outcomes of a hydrocortisone protocol after endonasal surgery for pituitary adenoma resection
- Perioperative VTE Chemical Prophylaxis at Jefferson Hospital: A Retrospective Review of the Department of Surgery
- Postoperative Aspiration Pneumonia (PoPNA) Prevention Protocol
- Improving Advanced Care Planning Discussion and Documentation
- Improving Time to Defibrillation at Thomas Jefferson University Hospital
- Reforming the Pre-Operative Clearance Process in the Covid-19 ERA
- Utilization of a Palliative Care Trigger in the Surgical Intensive Care Unit

### **JCPH Capstone Presentations:**

- Increasing Community Access to COVID19 Testing: The Establishment of a Dedicated Testing Center at a Suburban Community Hospital

- [Low Sodium Diet Impact on Hypertension Patients](#)
- [Patient-Centered Pathology Report: Rapid Review](#)
- [Effective Support for the Siblings of Children with Autism Spectrum Disorder: A rapid systematic review](#)
- [The Future of Opioid Prescribing: Implementation of a Virtual Opioid & Pain Management Module for Medical Students](#)
- [A Systematic Literature Review and Economic Evaluation with a Meta-Analysis of Randomized Control Trials Focusing on Symptom Reduction in Adults Ages 18 and Older Treated by Either Esomeprazole, Omeprazole, Lansoprazole, Rabeprazole, or Pantoprazole for Diagnosed Reflux Disease in North America and Europe](#)
- [Impact of a Trauma-Informed Training Program on Non-Clinical Staff in the Emergency Department](#)
- [A Quality Improvement Project for Improving Controlled Substance Prescribing in a Primary Care Setting](#)
- [Mental Health Education Evaluation Pilot Study in Montgomery Area and Milton Area School Districts](#)
- [A Geospatial Analysis of Lung Cancer Burden in Philadelphia, PA](#)
- [Multisystemic Intervention Therapy for United States Youth with Behavioral Disorders: A Quality Improvement Project](#)
- [Role of Teledentistry During the COVID-19 Pandemic: A Rapid Systematic Review](#)
- [Assessing Child Lead Exposure in Philadelphia: A Policy Analysis](#)
- [Life During COVID-19: The Student Experience](#)
- [Assessing Correlates of Park Access in Philadelphia](#)
- [Experience of Nurses in a Community Oncology Practice in Securing Oral Oncology Medications for Patients from Specialty Pharmacies](#)
- [Cost-Effectiveness Analysis of Three Radiation Treatment Strategies for Patients with Multiple Brain Metastases](#)
- [ENDS in Philadelphia: Epidemiology of Electronic Nicotine Delivery Systems in Southeastern Pennsylvania](#)
- [Diabetes Management in the Inadequately Insured](#)
- [Trends of Traffic-Related Injuries Treated Across a Jefferson Health Trauma Center](#)
- [Application of Data Visualization, Data Science and Artificial Intelligence at a Community Hospital](#)
- [A Multidisciplinary Approach to Eliminating Overuse of Inpatient Inherited Thrombophilia Tests](#)
- [A School-Based Intervention Using Insulin Degludec to Reduce Pediatric Readmissions for Diabetic Ketoacidosis](#)
- [Reducing Unnecessary Telemetry Utilization in a Community Hospital: A Value Enhancing Project](#)
- [Impact of Social Determinants in the Effectiveness of the Diabetes Prevention Program Under COVID-19 Pandemic](#)
- [Successful Strategies to Reduce Intensive Care Units Central Line Associated with Blood Stream Infections: The Las Vegas Hospital](#)
- [Improving Access to Primary Care for Adults Who Identify as a Sexual or Gender Minority](#)

### **Journals and Newsletters:**

- [inSIGHT, Volume 1, Issue 1, 2021](#)
- [Inside Out, 2020](#)
- [Inside Out, 2021](#)
- [Surgical Solutions, Volume 16, Number 1](#)

### **Know Diabetes by Heart Meetings:**

- [Hackensack University Medical Center Shared Learning QI Update - March 16, 2021](#)
- [Investigating Patient Perceptions of Factors That May Optimize Diabetes Self-Management - March 30, 2021](#)
- [An Inter-professional Approach Health Coach Model to Reduce the Risk of Coronary Events in Diabetic Patients - April 15, 2021](#)

### **MPH Course Projects:**

- [Mental Health and Wellbeing of First Year Jefferson University Students During the COVID-19 Pandemic: A Photo-Elicitation Study](#)
- [Bringing the Social Determinants to Life](#)

### **Occupational Therapy Doctorate Capstones:**

- [Supports and opportunities for neurodiversity inclusive practices at Jefferson](#)
- [The Liberating Loneliness Program: An Evidence-Informed Protocol for Addressing Loneliness Among Older Adults in Primary Care](#)
- [Exploring the Impact of Individualized Action Plans on Feelings of Loneliness and Self-Efficacy Among Older Adults in Primary Care](#)
- [Wellness Oriented Regulation Toolbox for a Healthier You \(WORTHY\): An Accessible Tool for Individuals with Intellectual Disabilities with a foundation in Inclusive Design](#)
- [Redefining Sensory Preferences: Outcomes from a Pilot Design Collaboration for Individuals Living with Intellectual Disabilities to Promote Access, Awareness, and Acceptance in the Community through the Community Sensory Profile \(CSP\)](#)
- [Usefulness of the NTG-EDSD: Evaluating the Validity of a Screening Tool for Dementia in Adults with Intellectual Disabilities](#)
- [“I could really use this”: Learning coaching in a non-traditional fieldwork setting](#)
- [WE-ROOT: Planting Seeds Together to Promote Social Participation and Physical Wellness in Youth with Psychosis](#)
- [Breaking Barriers: The Role of Occupational Therapy for Individuals Who Are/Have Been Unhoused](#)
- [Understanding the Resettlement Experience of Newcomers in Philadelphia: Identification of Meaningful Daily Life Activities – Furthering Image Development and Item Tracking](#)
- [Neuroplastic changes as a result of coaching: A narrative review](#)
- [Spinal Cord Injury Movement Index \(SCI-MI\):Development of an Item Pool Amenable to Administration Early after Spinal Cord Injury](#)
- [Designing a sensory friendly environment to enhance participation in healthcare for children with Autism Spectrum Disorder](#)



- [Cooking Up Skills for Independent Living: Promoting Engagement through Inclusive Design for Individuals with Intellectual Disabilities](#)

### **Posters and Conference Presentations:**

- [Using Alumni Surveys to Assess the Impact of Innovative Learning Spaces on Development of Career-Ready Soft Skills](#)
- [Designing a Strategic Plan for the Jefferson Center for Interprofessional Practice and Education \(JCIPE\)](#)
- [Multifaceted Management of COVID in the Medical Student Population of Sidney Kimmel Medical College](#)
- [Assessing pharmacy student knowledge, intent to practice, and perceptions of current learning as it pertains to pharmacist furnishing of hormonal contraception in Pennsylvania](#)
- [Japanese Immigrant Families' Experiences of Accessing Healthcare in the US](#)
- [Differences in Obstetric Care Between Japan and the US: A Qualitative Analysis of Blogs](#)
- [CenteringPregnancy® Increases the Likelihood of Postpartum Visit and Contraceptive Use](#)

### **Promotional Video:**

- [Leading in the Digital Transformation Era](#)

### **Scholarly Inquiry Abstracts:**

- [Demographic backgrounds and career goals of first-generation medical students](#)
- [An Inclusive Leadership Model to Integrate Organizational Dynamics, Change Management, Change Leadership, and Diversity and Inclusion Needs for the Successful Implementation of Business Transformations](#)
- [Medical student interest in loan forgiveness programs](#)

### **What People are Saying About the Jefferson Digital Commons:**

Name: Jacqueline A.

Country: AU

Role: faculty

Resource URL: <https://jdc.jefferson.edu/jeffjpsychiatry/vol10/iss2/4/>

Comments: It is very useful to be able to get hold of key articles that support the teaching of key skills to trainees. This is especially pertinent now that I don't have an academic appointment and thus no access to a library and its' databases. This article forms a good basis for discussion of different formulations and how they might need to be integrated in different situations.