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Jefferson Digital Commons Quarterly Report: July-September 2022

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Jefferson Digital Commons Quarterly Report: July-September 2022

Anita Lai, MLIS | Thomas Jefferson University

JDC Numbers

Over the last three months, there were:

- 340 works posted
- 131,104 downloads
- 5,392 streams
- 190 countries visited the site
- 5,775 institutions accessed content



New Series Alert

- [Disability Care Lecture Series](#)
In 2021, an inter-disciplinary working group at Jefferson developed a "disability care" concentration in our internal medicine residency program. It was presented at a national program directors' conference, and in discussions about the program's reproducibility, found that many hospitals and health systems lacked clinical expertise in the care of people with disabilities. Hence, this lecture series. These videos will be of interest to clinicians trying to learn more about disability-focused care, and they'll serve as important resources for those caring for patients with disabilities. The project is ongoing and generative. The lecture series will continue to refine content as suggestions and needs arise.

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Articles

Academic Commons and Jefferson Libraries

- [Scholarly Support at Thomas Jefferson University](#)

College of Architecture and The Built Environment Faculty Papers

- [Hierarchical Quantification of Utilization Rate and Related Indicators of Mixed-Use High-Rise Buildings](#), *Yuchen Xie, Peng Du, and Jianhe Lu Luo*

College of Health Professions Faculty Papers

- [Human Hepatocyte 4-Acetoxy- N, N-Diisopropyltryptamine Metabolite Profiling by Reversed-Phase Liquid Chromatography Coupled with High-Resolution Tandem Mass Spectrometry](#), *Sara Malaca, Marilyn A Huestis, Leonardo Lattanzio, Luigi T Marsella, Adriano Tagliabracci, Jeremy Carlier, and Francesco P Busardò*

College of Humanities and Sciences Faculty Papers

- [Multiscale modeling of internal waves and turbulence at rough, realistic topography with SOMAR-LES](#), *Edward Santilli, Vamsi Chalamalla, Alberto Scotti, and Sutanu Sarkar*
- [Multi-scale modeling of turbulent oceanic flows](#), *Vamsi K. Chalamalla, Edward Santilli, Alberto Scotti, Masoud Jalali, and Sutanu Sarkar*

College of Nursing Faculty Papers & Presentations

- [Hospital Nursing Factors Associated with Decreased Odds of Mortality in Older Adult Medicare Surgical Patients with Depression](#), *Aparna Kumar, Douglas Sloane, Linda Aiken, and Matthew McHugh*

College of Population Health Faculty Papers

- [Social Determinants of Health in Pulmonary Arterial Hypertension Patients in the United States: Clinician Perspective and Health Policy Implications](#), *Vijay R. Nadipelli, Jean M. Elwing, Willie H. Oglesby, and Karim El-Kersh*
- [Serious hazards of transfusion: evaluating the dangers of a wrong patient autologous salvaged blood in cardiac surgery.](#), *Masashi Uramatsu, Hideyuki Maeda, Shiro Mishima, Megumi Takahashi, Jun Wada, Kagehiro Amano, Paul Barach, and Tamotsu Miki*
- [Improving Cancer Care Through Digital Health Coaching](#), *Jennifer Nguyen, PharmD; Vittorio Maio, PharmD, MS, MSPH; and Nathan Handley, MD, MBA*

COVID-19 Papers, Posters, and Presentations

- [Left ventricular outflow tract thrombus in a patient with COVID-19-a ticking time bomb: a case report.](#), *Hamza Zahid Ullah Muhammadzai, Nathaniel Rosal, Muhammad Arslan Cheema, and Donald Haas*
- [Academic Pathology's "Spiderless Network": The Power of a Professional Society, its Listserv, and its Journal During a Public Health Emergency](#), *Mark L Tykocinski*

Department of Anesthesiology Faculty Papers

- [Innovative Use of Biotrace Tempo Pacemaker Lead Following Cardiac Surgery](#), *Jordan E Goldhammer, Regina E Linganna, Douglas S Pfeil, Scott D Witzeling, Alec Vishnevsky, Nicholas Ruggiero, and T. Sloane Guy*
- [Spinal Anesthesia or General Anesthesia for Hip Surgery in Older Adults](#), *Mark D. Neuman, Rui Feng, Jeffrey L. Carson, Lakisha J. Gaskins, Derek Dillane, Daniel I. Sessler, Frederick Sieber, Jay Magaziner, Edward R. Marcantonio, Samir Mehta, Diane Menio, Sabry Ayad, Trevor Stone, Steven Papp, Eric S. Schwenk, Nabil Elkassabany, Mitchell Marshall, J. Douglas Jaffe, Charles Luke, Balram Sharma, Syed Azim, Robert A. Hymes, Ki-Jinn Chin, Richard Sheppard, Barry Perlman, Joshua Sappenfield, Ellen Hauck, Mark A. Hoeft, Mark Giska, Yatish Ranganath, Tiffany Tedore, Stephen Choi, Jinlei Li, M. Kwesi Kwofie, Antoun Nader, Robert D. Sanders, Brian F. S. Allen, Kamen Vlassakov, Stephen Kates, Lee A. Fleisher, James Dattilo, Ann Tierney, Alisa J. Stephens-Shields, and Susan S. Ellenberg*
- [Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.](#), *Gianluigi Li Bassi, Kristen Gibbons, Jacky Y Suen, Heidi J Dalton, Nicole White, Amanda Corley, Sally Shrapnel, Samuel Hinton, Simon Forsyth, John G Laffey, Eddy Fan, Jonathon P Fanning, Mauro Panigada, Robert Bartlett, Daniel Brodie, Aidan Burrell, Davide Chiumello, Alyaa Elhazmi, Mariano Esperatti, Giacomo Grasselli, Carol Hodgson, Shingo Ichiba, Carlos Luna, Eva Marwali, Laura Merson, Srinivas Murthy, Alistair Nichol, Mark Ogino, Paolo Pelosi, Antoni Torres, Pauline Yeung Ng, and John F Fraser*
- [Gene Therapy for Fibrodysplasia Ossificans Progressiva: Feasibility and Obstacles](#), *Elisabeth M W Eekhoff, Ruben D de Ruiter, Bernard J Smilde, Ton Schoenmaker, Teun J de Vries, Coen Netelenbos, Edward C Hsiao, Christiaan Scott, Nobuhiko Haga, Zvi Grunwald, Carmen L De Cunto, Maja di Rocco, Patricia L R Delai, Robert J Diecidue,*

Vrisha Madhuri, Tae-Joon Cho, Rolf Morhart, Clive S Friedman, Michael Zasloff, Gerard Pals, Jae-Hyuck Shim, Guangping Gao, Frederick Kaplan, Robert J Pignolo, and Dimitra Mich

Department of Biochemistry and Molecular Biology Faculty Papers

- [Genomic Features Underlie the Co-option of SVA Transposons as Cis-regulatory Elements in Human Pluripotent Stem cells.](#) *Samantha M Barnada, Andrew Isopi, Daniela Tejada-Martinez, Clément Goubert, Sruti Patoori, Luca Pagliaroli, Mason Tracewell, and Marco Trizzino*
- [Recognition of the TDP-43 Nuclear Localization Signal by Importin \$\alpha 1/\beta\$.](#) *Steven G Doll, Hamed Meshkin, Alexander J Bryer, Fenglin Li, Ying-Hui Ko, Ravi K Lokareddy, Richard E Gillilan, Kushol Gupta, Juan R Perilla, and Gino Cingolani*
- [Regulating Phase Transition in Neurodegenerative Diseases by Nuclear Import Receptors.](#) *Amandeep Girdhar and Lin Guo*
- [Neuromuscular junction pathology is correlated with differential motor unit vulnerability in spinal and bulbar muscular atrophy.](#) *Elana Molotsky, Y Liu, Andrew P Lieberman, and Diane E Merry*

Department of Cancer Biology Faculty Papers

- [A Genome-Wide Screen Identifies PDPK1 as a Target to Enhance the Efficacy of MEK1/2 Inhibitors.](#) *Weijia Cai, Nicole A. Wilski, Timothy J. Purwin, Megane Vernon, Manoela Tiago, and Andrew E. Aplin*

Department of Dermatology and Cutaneous Biology Faculty Papers

- [Dermatologists in the Wild West, 1870-1900: The early pioneers from the Mississippi River to the Pacific Coast.](#)
- [Collagen VII Maintains Proteostasis in Dermal Fibroblasts by Scaffolding TANGO1 Cargo.](#) *Qingqing Cao, Grace Tartaglia, Michael Alexander, Pyung Hung Park, Shiv Poojan, Mehdi Farshchian, Ignacia Fuentes, Mei Chen, John A. McGrath, Francis Palisson, Julio Salas-Alanis, and Andrew P. South*
- [The 2-Methoxymethyl Modification of p -Phenylenediamine Reduces the Sensitization Risk for Hairdressers to Hair Dyes-An Occupational Hand Exposure-Based Risk Assessment.](#) *Emanuele Marco Gargano, Brunhilde Blömeke, Anthony Gaspari, and Carsten Goebel*
- [Elevated Serum Levels of Interleukin-15 in Pemphigus Vulgaris Patients: a Potential Therapeutic Target.](#) *Maedeh Kheirodin, Zohreh Tehranchinia, Yasaman Ketabi, Soheil Tavakolpour, Sahar Dadkhahfar, Masoomah Faghankani, Hassan Vahidnezhad, and Nikoo Mozafari*

Department of Emergency Medicine Faculty Papers

- [Extracellular Vesicle-Derived miR-144 as a Novel Mechanism for Chronic Intermittent Hypoxia-induced Endothelial Dysfunction.](#) *Huina Zhang, Lu Peng, Yifan Wang, Wen Zhao, Wayne Bond Lau, Yajing Wang, Yu Li, Yunhui Du, Linyi Li, Yu Huang, Shaoping Nie, Yanwen Qin, Xinliang Ma, and Yongxiang Wei*
- [Endothelial Autophagy in Coronary Microvascular Dysfunction and Cardiovascular Disease.](#) *Fujie Zhao, Ganesh Satyanarayana, Zheng Zhang, Jianli Zhao, Xin-Liang Ma, and Yajing Wang*
- [Emergency Department Communication in Persons Living With Dementia and Care Partners: A Scoping Review.](#) *Christopher R Carpenter, Jesseca Leggett, Fernanda Bellolio, Marian Betz, Ryan M Carnahan, David Carr, Michelle Doering, Jennie Chin Hansen, Eric D Isaacs, Deborah Jobe, Kathleen Kelly, Nancy Morrow-Howell, Beth Prusaczyk, Bob Savage, Joe Suyama, Allan S Vann, Kristin L Rising, Ula Hwang, and Manish N Shah*
- [Informal and Incidental Learning in the Clinical Learning Environment: Learning Through Complexity and Uncertainty During COVID-19.](#) *Dimitrios Papanagnou, Karen E Watkins, Henriette Lundgren, Grace A Alcid, Deborah Ziring, and Victoria J Marsick*
- [Half the Picture: Word Frequencies Reveal Racial Differences in Clinical Documentation, But Not Their Causes.](#) *Jacqueline A Penn and Denis Newman-Griffis*
- [GRK2 Regulates ADP Signaling in Platelets Via P2Y1 and P2Y12.](#) *Xuefei Zhao, Matthew Cooper, James V Michael, Yanki Yarman, Aiden Baltz, J Kurt Chuprun, Walter J Koch, Steven E. McKenzie, Maurizio Tomaiuolo, Timothy J Stalker, Li Zhu, and Peisong Ma*
- [Does Ligamentous Laxity Protect Against Chondral and Osteochondral Injuries in Patients With Patellofemoral Instability?](#) *Lauren H Redler, Elizabeth R Dennis, Gabrielle M Mayer, Irene L Kalbian, Joseph T Nguyen, Beth E Shubin Stein, and Sabrina M Strickland*
- [Standardizing Evaluation of Patient-Specific 3D Printed Models in Surgical Planning: Development of a Cross-Disciplinary Survey Tool for Physician and Trainee Feedback.](#) *Lauren Schlegel, Michelle Ho, M. Fields, Erik Backlund, Robert S. Pugliese, and Kristy M. Shine*
- [A Comprehensive Review on the Use of Herbal Dietary Supplements in the USA, Reasons for Their Use, and Review of Potential Hepatotoxicity.](#) *Adnan Khan, Kashyap Chauhan, Heather Ross, Natali Salinas, John Magagna, Makala Wang, Patrick Zhu, Ryan Erwin, and Dina Halegoua-De Marzio*

- [Advanced Triage Protocol: The Role of an Automated Lactate Order in Expediting Rapid Identification of Patients at Risk of Sepsis in the Emergency Department](#), Andrew Baum, Brendan G Carr, Sarah M Perman, Jennifer Barger, Munish Goyal, and David F. Gaieski

Department of Exercise Science

- [Drive Leg Ground Reaction Forces and Rate of Force Development Over Consecutive Windmill Softball Pitches](#), Erin R. Pletcher, Kenzie B. Friesen, Gretchen D. Oliver, Mita Lovalekar, Keith Gorse, Takashi Nagai, and Chris Connaboy

Department of Family & Community Medicine Faculty Papers

- [A Qualitative Exploration of the Functional, Social, and Emotional Impacts of the COVID-19 Pandemic on People Who Use Drugs](#), Erin L Kelly, Megan K Reed, Kathryn M Schoenauer, Kelsey Smith, Kristina Scalia-Jackson, Sequoia Kay Hill, Erica Li, and Lara Weinstein
- [A Response to: Letter to the Editor regarding "Importance of Early Screening and Diagnosis of Chronic Kidney Disease in Patients with Type 2 Diabetes".](#), Neil Skolnik and Alyssa Style
- [Lessons Learned as Thomas Jefferson University's Rural Physician Shortage Area Program \(PSAP\) Approaches the Half-Century Mark](#), Howard K. Rabinowitz, Robert J. Motley, Fred W. Markham Jr., and Gillian A. Love

Department of Infectious Diseases and Environmental Medicine Faculty Papers

- [Nocardiosis of the Central Nervous System: A rare complication of COVID management?](#), Matthew DiMeglio, Hamadullah Shaikh, Jennifer Newman, and Gustavo Vazsquez-Rubio

Department of Life Sciences Faculty Papers

- [Quantification of Spent Coffee Ground Extracts by Roast and Brew Method, and Their Utility in a Green Synthesis of Gold and Silver Nanoparticles](#), Brian G Yust, Niny Z Rao, Evan T Schwarzmann, and Madisyn H Peoples

Department of Medical Oncology Faculty Papers

- [Antibody Response to SARS-CoV-2 Vaccination in Patients With Lymphoproliferative Disorders and Plasma Cell Dyscrasias: Anti-Lymphoma Therapy as a Predictive Biomarker of Response to Vaccination](#), Carol Gung, Regina McGuire, Mercy George, Abdullateef Abdulkareem, Katherine A Belden, Pierluigi Porcu, Ubaldo Martinez-Outschoorn, Adam F Binder, Inna Chervenova, and Onder Alpdogan
- [Novel Mechanisms for Post-Transplant Maintenance Therapy in Acute Myeloid Leukemia](#), Steven A Manobianco, Tara Rakiewicz, Lindsay Wilde, and Neil D Palmisiano
- [Monocarboxylate Transporter 4 in Cancer-Associated Fibroblasts Is a Driver of Aggressiveness in Aerodigestive Tract Cancers](#), Marina Domingo-Vidal, Diana Whitaker Menezes, Mehri Mollae, Zhao Lin, Madalina Tuluc, Nancy J. Philp, Jennifer Johnson, Tingting Zhan, Joseph Curry, and Ubaldo E. Martinez-Outschoorn
- [Editorial: NK/T-Cell Lymphoma: Biology, Prognostics, Prediction, and Treatment](#), Jean El Cheikh, Khodr Terro, Loyal Sharrouf, Anjali Mishra, and Marcos De Lima
- [Innovative Use of Biotrace Tempo Pacemaker Lead Following Cardiac Surgery](#), Jordan E Goldhammer, Regina E Linganna, Douglas S Pfeil, Scott D Witzeling, Alec Vishnevsky, Nicholas Ruggiero, and T. Sloane Guy
- [Association of Underweight and Weight Loss With Poor Prognosis and Poor Therapy Effectiveness in Brain Metastases: A Retrospective Study](#), Yan He, Yu Zhang, Weelic Chong, Yiyang Pei, Renjie Zhang, Zheran Liu, Jiayi Yu, Xingchen Peng, and Fang Fang
- [Understanding the Role of Sex on Outcomes for the Cancer Patient Undergoing Treatment with Immune Checkpoint Inhibitors: a Scoping Review Protocol](#), Amy L Shaver, Nikita Nikita, Swapnil Sharma, Daniel S Lefler, Atrayee Basu-Mallick, Jennifer M Johnson, Meghan L Butryn, and Grace Lu-Yao
- [Interleukin-8 Produced From Cancer-Associated Fibroblasts Suppresses Proliferation of the OCUCh-LM1 Cancer Cell Line](#), Ryota Tanaka, Kenjiro Kimura, Shimpei Eguchi, Go Ohira, Shogo Tanaka, Ryosuke Amano, Hiroaki Tanaka, Masakazu Yashiro, Masaichi Ohira, and Shoji Kubo
- [Immune Checkpoint Inhibitors in Luminal Gastrointestinal Malignancies: Going Beyond MSI-H/dMMR, TMB and PD-L1](#), Daniel S. Lefler, Adam E. Snook, and Babar Bashir
- [Outcomes Following Abiraterone versus Enzalutamide for Prostate Cancer: A Scoping Review](#), Yash B Shah, Amy L Shaver, Jacob Beiriger, Sagar Mehta, Nikita Nikita, William Kevin Kelly, Stephen J Freedland, and Grace Lu-Yao
- [Association between Vitamin D Supplementation and Cancer Mortality: A Systematic Review and Meta-Analysis](#), Renjie Zhang, Yu Zhang, Zheran Liu, Yiyang Pei, Ping Xu, Weelic Chong, Yang Hai, Ling He, Yan He, Jiayi Yu, Jingjing Wang, Fang Fang, and Xingchen Peng
- [A Scoping Review Protocol to Elucidate Outcomes Following Abiraterone Versus Enzalutamide for Prostate Cancer](#), Yash B Shah, Amy L Shaver, William Kevin Kelly, and Grace Lu-Yao

- ["I need more knowledge": Qualitative Analysis of Oncology Providers' Experiences with Sexual and Gender Minority Patients.](#) Christina L Tamargo, Edith P Mitchell, Lynne Wagner, Melissa A Simon, Ruth C Carlos, Bruce J Giantonio, Matthew B Schabath, and Gwendolyn P Quinn
- [Effect of musculature on mortality, a retrospective cohort study.](#) Amy L Shaver, Mary E Platek, Anurag K Singh, Sung Jun Ma, Mark Farrugia, Gregory Wilding, Andrew D Ray, Heather M Ochs-Balcom, and Katia Noyes
- [Cancer-specific survival after diagnosis in men versus women: A pan-cancer analysis.](#) Yan He, Yonglin Su, Junsong Zeng, Weelic Chong, Xiaolin Hu, Yu Zhang, and Xingchen Peng
- [The impact of HPV vaccine narratives on social media: Testing narrative engagement theory with a diverse sample of young adults.](#) Amy Leader, Michelle Miller-Day, Rikishi T Rey, Preethi Selvan, Anne E Pezalla, and Michael L Hecht

Department of Medicine Faculty Papers

- [Analysis of Lung Cancer Screening by Race After USPSTF Expansion of Screening Eligibility in 2021.](#) Christine S Shusted, Nathaniel R Evans, Gregory C Kane, Hee-Soon Juon, and Julie A Barta
- [Breaking Barriers to Breast Reconstruction among Socioeconomically Disadvantaged Patients at a Large Safety-net Hospital.](#) Anna E Meade, Samantha M Cummins, Jordyn T Farewell, Sofia Duque, Sydney K Mulqueen, Ashleigh Chuah, and Andrew Y Zhang
- [Predictive Factors and Outcomes for Ibrutinib in Relapsed/refractory Marginal Zone Lymphoma: A multicenter Cohort Study.](#) Narendranath Epperla, Qihong Zhao, Sayan Mullick Chowdhury, Lauren Shea, Tamara K Moyo, Nishitha Reddy, Julia Sheets, David M Weiner, Praveen Ramakrishnan Geethakumari, Malathi Kandarpa, Ximena Jordan Bruno, Colin Thomas, Michael C Churnetski, Andrew Hsu, Luke Zurbriggen, Cherie Tan, Kathryn Lindsey, Joseph Maakaron, Paolo F Caimi, Pallawi Torka, Celeste Bello, Sabarish Ayyappan, Reem Karmali, Seo-Hyun Kim, Anna Kress, Shalin Kothari, Yazeed Sawalha, Beth Christian, Kevin A David, Irl Brian Greenwell, Murali Janakiram, Vaishalee P Kenkre, Adam J Olszewski, Jonathon B Cohen, Neil D. Palmisiano, Elvira Umyarova, Ryan A Wilcox, Farrukh T Awan, Juan Pablo Alderuccio, Stefan K Barta, Natalie S Grover, Nilanjan Ghosh, Nancy L Bartlett, Alex F Herrera, and Geoffrey Shouse
- [Publication trends in telemedicine research originating from Canada.](#) Jim S Xie, Kean Nanji, Mohammad Khan, Muhammad F Khalid, Sunir J Garg, Lehana Thabane, Sobha Sivaprasad, and Varun Chaudhary
- [Perceptions and Challenges Experienced by African Physicians When Prescribing Methotrexate for Rheumatic Disease: An Exploratory Study.](#) Carol A Hitchon, Girsh M Mody, Candace H Feldman, Yan Lau, Steven Shi, Michele Meltzer, Rosie Scuccimarri, Michael E Weinblatt, and Ines Colmegna
- [Half the Picture: Word Frequencies Reveal Racial Differences in Clinical Documentation, But Not Their Causes.](#) Jacqueline A Penn and Denis Newman-Griffis
- [GRK2 Regulates ADP Signaling in Platelets Via P2Y1 and P2Y12.](#) Xuefei Zhao, Matthew Cooper, James V Michael, Yanki Yarman, Aiden Baltz, J Kurt Chuprun, Walter J Koch, Steven E. McKenzie, Maurizio Tomaiuolo, Timothy J Stalker, Li Zhu, and Peisong Ma
- ["1,000 conversations I'd rather have than that one:" A qualitative study of prescriber experiences with opioids and the impact of a prescription drug monitoring program.](#) Jillian Zavodnick, Alexis Wickersham, Alison Petok, Brooke Worster, and Amy Leader
- [Coronavirus Disease-19 Infection and Angioedema in African Americans: A Case Series.](#) Jose Manuel Martinez Manzano, Otoniel Ysea-Hill, Brenda Chiang, Simone A Jarrett, Kevin Bryan Lo, and Zurab Azmaiparashvili
- [Development of the Centrifugal Blood Pump for a Hybrid Continuous Flow Pediatric Total Artificial Heart: Model, Make, Measure.](#) Carson S Fox, Thomas Palazzolo, Matthew Hirschhorn, Randy M Stevens, Joseph Rossano, Steven W Day, Vakhtang Tchantchaleishvili, and Amy L Throckmorton
- [Clinical Status, Nutritional Behavior, and Lifestyle, and Determinants of Community Well-Being of Patients from the Perspective of Physicians: A Cross-Sectional Study of Young Older Adults, Nonagenarians, and Centenarians in Salerno and Province, Italy.](#) Silvana Mirella Aliberti, Richard H W Funk, Luigi Schiavo, Aldo Giudice, Elena Ciaglia, Annibale Alessandro Puca, Joseph S. Gonnella, and Mario Capunzo

Department of Microbiology and Immunology Faculty Papers

- [A Single Dose of the Deactivated Rabies-Virus Vected COVID-19 Vaccine, CORAVAX, Is Highly Efficacious and Alleviates Lung Inflammation in the Hamster Model.](#) Drishya Kurup, Christoph Wirblich, Leila Zabihi Diba, Rachael Lambert, Megan Watson, Noor Shaikh, Holly Ramage, Charalambos Solomides, and Matthias J Schnell
- [Lipid-nanoparticle-encapsulated mRNA vaccines induce protective memory CD8 T cells against a lethal viral infection.](#) Cory J Knudson, Pedro Alves-Peixoto, Hiromi Muramatsu, Colby Stotesbury, Lingjuan Tang, Paulo J C Lin, Ying K Tam, Drew Weissman, Norbert Pardi, and Luis J. Sigal
- [Is Strongyloides Stercoralis Hyperinfection Induced by Gglucocorticoids a Result of Both Suppressed Host Immunity and Altered Parasite Genetics?](#) De'Broski R Herbert, Jonathan D C Stoltzfus, Heather L Rossi, and David Abraham
- ["Don't Look Up" Your Science-Herd Immunity or Herd Mentality?](#) Botond Z Igyártó

Department of Neurology Faculty Papers

- [Electroencephalography in Patients with Autism Spectrum Disorder](#), A A Asadi-Pooya
- [Parenteral NSAIDs for Acute Treatment of Migraine: Adherence to the IHS Guidelines for Controlled Trials](#), John G. Curran, John Waters, and Hsiangkuo Yuan
- [Transcription Factor RUNX3 Mediates Plasticity of ThGM Cells Toward Th1 Phenotype](#), Javad Rasouli, Giacomo Casella, Weifeng Zhang, Dan Xiao, Gaurav Kumar, Paolo Fortina, Guang-Xian Zhang, Bogoljub Ciric, and Abdolmohamad Rostami
- [The Role of the Complement System in Chronic Inflammatory Demyelinating Polyneuropathy: Implications for Complement-Targeted Therapies.](#), Luis A Querol, Hans-Peter Hartung, Richard A Lewis, Pieter A van Doorn, Timothy R Hammond, Nazem Atassi, Miguel Alonso-Alonso, and Marinos Dalakas
- [Complement in autoimmune inflammatory myopathies, the role of myositis-associated antibodies, COVID-19 associations, and muscle amyloid deposits.](#), Marinos Dalakas
- [Long-term Effectiveness of IVIg Maintenance Therapy in 36 Patients With GAD Antibody-Positive Stiff-Person Syndrome.](#), Jessica Yi and Marinos Dalakas
- [Future Opportunities for Research in Rescue Treatments](#), James W. Wheless, Daniel Friedman, Gregory L. Krauss, Vikram R. Rao, Michael R Sperling, Enrique Carrazana, and Adrian L. Rabinowicz
- [Genitourinary and Sexual Symptoms and Treatments in Transfeminine Individuals: A Qualitative Exploration of Patients' Needs](#), Paul Chung, Vishal Swaminathan, Sabina Spigner, Joon Yau Leong, Jessica Bulafka, and Rosemary Frasso

Department of Neuroscience Faculty Papers

- [Synaptic dysfunction induced by glycine-alanine dipeptides in C9orf72-ALS/FTD is rescued by SV2 replenishment](#), Brigid K Jensen, Martin H Schuldi, Kevin McAvoy, Katelyn A Russell, Ashley Boehringer, Bridget M Curran, Karthik Krishnamurthy, Xinmei Wen, Thomas Westergard, Le Ma, Aaron R. Haeusler, Dieter Edbauer, Piera Pasinelli, and Davide Trotti
- [MAP7 Regulates Axon Collateral Branch Development in Dorsal Root Ganglion Neurons.](#), Stephen R Tymanskyj, Benjamin Yang, Aditi Falnikar, Angelo C Lepore, and Le Ma
- [Evolution of Cortical Neurogenesis in Amniotes Controlled by Robo Signaling Levels.](#), Adrián Cárdenas, Ana Villalba, Camino de Juan Romero, Esther Picó, Christina Kyrousi, Athanasia C Tzika, Marc Tessier-Lavigne, Le Ma, Micha Drukker, Silvia Cappello, and Víctor Borrell
- [Understanding the axonal response to injury by in vivo imaging in the mouse spinal cord: A tale of two branches.](#), Binhai Zheng, Ariana O Lorenzana, and Le Ma
- [Cryo-EM Structure of the Human Kv3.1 Channel Reveals Gating Control by the Cytoplasmic T1 Domain.](#), Gamma Chi, Qiansheng Liang, Akshay Sridhar, John B Cowgill, Kasim Sader, Mazdak Radjainia, Pu Qian, Pablo Castro-Hartmann, Shayla Venkaya, Nanki Kaur Singh, Gavin McKinley, Alejandra Fernandez-Cid, Shubhashish M M Mukhopadhyay, Nicola A Burgess-Brown, Lucie Delemotte, Manuel Covarrubias, and Katharina L Dürr

Department of Neurosurgery Faculty Papers

- [Development of a Core Measurement Set for Research in Degenerative Cervical Myelopathy: A Study Protocol \(AO Spine RECODE-DCM CMS\)](#), Benjamin M Davies, Alvaro Yanez Touzet, Oliver D Mowforth, Keng Siang Lee, Danyal Khan, Julio C Furlan, Michael G Fehlings, James Harrop, Carl Moritz Zipser, Ricardo Rodrigues-Pinto, James Milligan, Ellen Sarewitz, Armin Curt, Vafa Rahimi-Movaghar, Bizhan Aarabi, Timothy F Boerger, Lindsay Tetreault, Robert Chen, James D Guest, Sukhvinder Kalsi-Ryan, Iwan Sadler, Shirley Widdop, Angus G K McNair, Brian K Kwon, and Mark R N Kotter
- [Adopting Clinical Practice Guidelines for Pharmacologic Management of Acute Spinal Cord Injury from a Developed World Context to a Developing Global Region](#), Seyed Behnam Jazayeri, Seyed Farzad Maroufi, Zahra Ghodsi, Heshmatollah Ghawami, Ahmad Pourrashidi, Abbas Amirjamshidi, Mojtaba Mojtahedzadeh, Jalil Arabkheradmand, Farzin Farahbakhsh, Maryam Shabany, Morteza Faghih-Jouibari, Michael G Fehlings, Brian K Kwon, James Harrop, and Vafa Rahimi-Movaghar
- [Treatment of nonsurgical refractory back pain with high-frequency spinal cord stimulation at 10 kHz: 12-month results of a pragmatic, multicenter, randomized controlled trial.](#), Leonardo Kapural, Jessica Jameson, Curtis Johnson, Daniel Kloster, Aaron Calodney, Peter Kosek, Julie Pilitsis, Markus Bendel, Erika Petersen, Chengyuan Wu, Taissa Cherry, Shivanand P Lad, Cong Yu, Dawood Sayed, Johnathan Goree, Mark K Lyons, Andrew Sack, Diana Bruce, Frances Rubenstein, Rose Province-Azalde, David Caraway, Naresh P Patel
- [Large retroperitoneal mass.](#), Ryan Lamm and Wilbur B Bowne

Department of Obstetrics and Gynecology Faculty Papers

- [Birth length Is the Strongest Predictor of Linear Growth Status and Stunting in the First 2 Years of Life after a Preconception Maternal Nutrition Intervention: the Children of the Women First Trial](#), Nancy F Krebs, K Michael Hambidge, Jamie L Westcott, Ana L Garcés, Lester Figueroa, Antoinette K Tshetu, Adrien L Lokangaka,

Shivaprasad S Goudar, Sangappa M Dhaded, Sarah Saleem, Sumera Aziz Ali, Melissa S Bauserman, Richard J Derman, Robert L Goldenberg, Abhik Das, and Dhuly Chowdhury

- [A Systematic Review of Reproductive Counseling in Cases of Parental Constitutional Reciprocal Translocation \(9;22\) Mimicking BCR-ABL1](#), *Zimeng Gao, Stephanie M Rice, Sascha Wodoslawsky, Sara C Long, Zi-Xuan Wang, Mehnoosh Torkzaban, Ana Milena Angarita Africano, Jinglan Liu, and Huda B Al-Kouatly*

Department of Occupational Therapy Faculty Papers

- [College Students' Adoption of Sonocent, A Specialized Notetaking Software: A Descriptive Study](#), *Marie-Christine Potvin, Monique Chabot, Richard Hass, Abigail Garrity, and Anne Bower*
- [Occupational Therapy Programming Facilitates Goal Attainment in a Community Work Rehabilitation Setting](#), *Tina M. DeAngelis, Kimberly Mollo, Carolyn Giordano, Michaela Scotten, and Brianna Fecondo*
- [Bilateral Upper Extremity Motor Priming \(BUMP\) Plus Task-specific Training for Severe, Chronic Upper Limb Hemiparesis: Study Protocol for a Randomized Clinical Trial](#), *Mary Ellen Stoykov, Olivia M Biller, Alexandra Wax, Erin King, Jacob M Schauer, Louis F Fogg, and Daniel M Corcos*
- [Notes From an Epicenter: Navigating Behavioral Clinical Trials on Autism Spectrum Disorder Amid the COVID-19 Pandemic in the Bronx](#), *Alaina S Berruti, Roseann C Schaaf, Emily A Jones, Elizabeth Ridgway, Rachel L. Dumont, Benjamin E Leiby, Catherine Sancimino, Misung Yi, and Sophie Molholm*

Department of Orthopaedic Surgery Faculty Papers

- [The cGAS-STING Pathway Affects Vertebral Bone but Does Not Promote Intervertebral Disc Cell Senescence or Degeneration](#), *Olivia K Ottone, Cheeho Kim, John A Collins, and Makarand V Risbud*
- [Household Transmission of Group A Streptococcus Necrotizing Fasciitis.](#), *Michael Markowitz, Stephanie Kwan, and Jonas Matzon*

Department of Pathology, Anatomy, and Cell Biology Faculty Papers

- [Glucose Uptake by GLUT1 in Photoreceptors is Essential for Outer Segment Renewal and rod Photoreceptor Survival](#), *Lauren L. Daniele, John Y.S. Han, Ivy S Samuels, Ravikiran Komirisetty, Nikhil Mehta, Jessica L McCord, Minzhong Yu, Yekai Wang, Kathleen Boesze-Battaglia, Brent A Bell, Jianhai Du, Neal S Peachey, and Nancy J. Philp*
- [Reduced ER-mitochondria connectivity promotes neuroblastoma multidrug resistance.](#), *Jorida Çoku, David M. Booth, Jan Skoda, Madison C Pedrotty, Jennifer Vogel, Kangning Liu, Annette Vu, Erica L Carpenter, Jamie C Ye, Michelle A Chen, Peter Dunbar, Elizabeth Scadden, Taekyung D Yun, Eiko Nakamaru-Ogiso, Estela Area-Gomez, Yimei Li, Kelly C Goldsmith, C Patrick Reynolds, György Hajnóczky, and Michael D Hogarty*
- [Patient with Multiple Genetically Distinct Thyroid Nodules Including Papillary Thyroid Carcinoma Harboring Novel YWHAG-BRAF Fusion](#), *Ruihe Lin, Zi-Xuan Wang, Elizabeth Cottrill, Nitika Badjatia, Stacey Gargano*
- [BAP1 Maintains Hif-Dependent Interferon Beta Induction to Suppress Tumor Growth in Clear Cell Renal Cell Carcinoma.](#), *Lauren Langbein, Rayan El Hajjar, Shen He, Eleonora Sementino, Zhijiu Zhong, Wei Jiang, Benjamin E Leiby, Li Li, Robert G Uzzo, Joseph R Testa, and Haifeng Yang*
- [A mathematical model of GLUT1 modulation in rods and RPE and its differential impact in cell metabolism](#), *Andrea Aparicio, Erika T Camacho, Nancy J. Philp, and Stephen A Wirkus*

Department of Pediatrics Faculty Papers

- [Actions Against Racism: Bringing Together Trauma-Informed Practices, Social-Emotional Learning, and Racial Socialization to Combat Racism in Schools](#), *Danielle R Hatchimonji, Kira Branch, Danika Perry, and Tia N Barnes*
- [PRMT5 activates AKT via methylation to promote tumor metastasis.](#), *Lei Huang, Xiao-Ou Zhang, Esteban J Rozen, Xiaomei Sun, Benjamin Sallis, Odette Verdejo-Torres, Kim Wigglesworth, Daniel Moon, Tingting Huang, John P Cavaretta, Gang Wang, Lei Zhang, Jason M Shohet, Mary M. Lee, and Qiong Wu*
- [Disease burden and management of Crigler-Najjar syndrome: Report of a world registry](#), *Sem J Aronson, Norman Junge, Mediha Trabelsi, Wided Kelmemi, Aurelie Hubert, Karlla W Brigatti, Michael D. Fox, Robert J de Knegt, Johanna C Escher, Virginia M Ginocchio, Raffaele Iorio, Yan Zhu, Figen Özçay, Fakher Rahim, Mortada H F El-Shabrawi, Eyal Shteyer, Angelo Di Giorgio, Lorenzo D'Antiga, Federico Mingozi, Nicola Brunetti-Pierri, Kevin A Strauss, Philippe Labrune, Ridha Mrad, Ulrich Baumann, Ulrich Beuers, and Piter J Bosma*

Department of Pharmacology and Experimental Therapeutics Faculty Papers

- [Functional Assessment of Missense Variants in the ABCC6 Gene Implicated in Pseudoxanthoma Elasticum, a Heritable Ectopic Mineralization Disorder.](#), *Luke Kowal, Jianhe Huang, Hongbin Luo, Jagmohan Singh, Adam E Snook, Jouni Uitto, and Qiaoli Li*
- [Ondansetron to Reduce Neonatal Opioid Withdrawal Severity: A Randomized Clinical Trial](#), *Gary Peltz, Lauren M. Jansson, Susan Adeniyi-Jones, Carol Cohane, David Drover, Steven Shafer, Meiyue Wang, Manhong Wu, Balaji Govindaswami, Priya Jegatheesan, Cynthia Argani, Salwa Kahn, and Walter K. Kraft*

- [HOXA9 Overexpression Contributes to Stem Cell Overpopulation That Drives Development and Growth of Colorectal Cancer](#), Brian Osmond, Caroline O.B. Facey, Chi Zhang, and Bruce M. Boman
- [Assessment of Temporal Variations in Adherence to NRP Using Video Recording in the Delivery Room](#), Amy J Sloane, Kaitlin M Kenaley, and Michael T Favara
- [Addressing the Gap in Data Communication from Home Health Care to Primary Care during Care Transitions: Completeness of an Interoperability Data Standard](#), Paulina Sockolow, Edgar Y Chou, and Subin Park

Department of Physical Therapy Faculty Papers

- [Survey of Confidence and Knowledge to Manage Patellofemoral Pain in Readers Versus NonReaders of the Physical Therapy Clinical Practice Guideline](#), Richard W. Willy, Lisa T. Hoglund, Neal R. Glaviano, Lori A. Bolgla, and David M. Bazett-Jones

Department of Psychiatry and Humna Behavior Faculty Papers

- [Comorbidity of Novel CRHR2 Gene Variants in Type 2 Diabetes and Depression](#), Mutaz Amin, Jurg Ott, Derek Gordon, Rongling Wu, Teodor T Postolache, Michael Vergare, and Claudia Gragnoli

Department of Pulmonary and Critical Care Medicine Faculty Papers

- [Allocation plans for crisis triage: How well would they actually work?](#), David Oxman
- [Mortality among Patients with COVID-19 and Different Interstitial Lung Disease Subtypes: A Multicenter Cohort Study](#), Joy Zhao, Brandon Metra, Gautam George, Jesse Roman, Joseph Mallon, Baskaran Sundaram, Michael Li, and Ross Summer

Department of Radiation Oncology Faculty Papers

- [Corrigendum to: Impact of lymphopenia on survival for elderly patients with glioblastoma: A secondary analysis of the CCTG CE.6 \(EORTC 26062-22061, TROG 08.02\) randomized clinical trial](#), Andrew J Song, Keyue Ding, Iyad Alnahhas, Normand J Laperriere, James Perry, Warren P Mason, Chad Winch, Chris J O'Callaghan, Johan J Menten, Alba A Brandes, Claire Phillips, Michael F Fay, Ryo Nishikawa, David Osoba, J Gregory Cairncross, Wilson Roa, Wolfgang Wick, and Wenyin Shi

Department of Radiology Faculty Papers

- [Contrast-Enhanced Ultrasound of Muscle Perfusion May Indicate Patient Response to Left Ventricular Assist Device Therapy](#), Lauren J. Delaney, Kathleen Fitzgerald, Maria Stanczak, Priscilla Machado, John W..C. Entwistle, Flemming Forsberg, and Gordon R. Reeves
- [Aortic Fistulas: Pathophysiologic Features, Imaging Findings, and Diagnostic Pitfalls](#), Aishwarya Gulati, MD; Harit Kapoor, MD; Achala Donuru, MBBS, FRCR; Kunal Gala, MBBS, DNB; and Maansi Parekh, MBBS, DNB
- [International Consensus Conference Recommendations on Ultrasound Education for Undergraduate Medical Students](#), Richard A Hoppmann, Jeanette Mladenovic, Lawrence Melniker, Radu Badea, Michael Blaivas, Miguel Montorfano, Alfred Abuhamad, Vicki Noble, Arif Hussain, Gregor Prosen, Tomás Villen, Gabriele Via, Ramon Nogue, Craig Goodmurphy, Marcus Bastos, G Stephen Nace, Giovanni Volpicelli, Richard J Wakefield, Steve Wilson, Anjali Bhagra, Jongyeol Kim, David Bahner, Chris Fox, Ruth Riley, Peter Steinmetz, Bret P Nelson, John Pellerito, Levon N Nazarian, L Britt Wilson, Irene W Y Ma, David Amponsah, Keith R Barron, Renee K Dversdal, Mike Wagner, Anthony J Dean, David Tierney, James W Tsung, Paula Nocera, José Pazeli, Rachel Liu, Susanna Price, Luca Neri, Barbara Piccirillo, Adi Osman, Vaughan Lee, Nitha Naqvi, Tomislav Petrovic, Paul Bornemann, Maxime Valois, Jean-Francoise Lanctot, Robert Haddad, Deepak Govil, Laura A Hurtado, Vi Am Dinh, Robert M DePhilip, Beatrice Hoffmann, Resa E Lewiss, Nayana A Parange, Akira Nishisaki, Stephanie J Doniger, Paul Dallas, Kevin Bergman, J Oscar Barahona, Ximena Wortsman, R Stephen Smith, Craig A Sisson, James Palma, Mike Mallin, Liju Ahmed, and Hassan Mustafa
- [Altered Genome-wide Hippocampal Gene Expression Profiles Following Early Life Lead Exposure and Their Potential for Reversal by Environmental Enrichment](#), G Singh, V Singh, T Kim, A Ertel, W Fu, and J S Schneider
- [Emerging Applications of Contrast-enhanced Ultrasound in Trauma](#), Brenda Tester, Ji-Bin Liu, John R. Eisenbrey, and George Koenig

Department of Surgery Faculty Papers

- [Reduced Rates of Post-Transplant Recurrent Hepatocellular Carcinoma in Non-Alcoholic Steatohepatitis: A Propensity Score Matched Analysis](#), Ryan Lamm, Peter J Altshuler, Keyur Patel, Osama Shaheen, Angel Paulo Amante, Jesse Civan, Warren Maley, Adam Frank, Carlo Ramirez, Jaime Glorioso, Ashesh Shah, Hien Dang, and Adam S Bodzin
- [Criminal, Legal, and Ethical Kidney Donation and Transplantation: A Conceptual Framework to Enable Innovation](#), Alvin E Roth, Ignazio R Marino, Kimberly D Krawiec, and Michael A Rees

- [Advanced-Stage Melanoma at Presentation Following the Peak of the Pandemic: A COVID-19 Cancer Canary in a Coal Mine](#), Ryan Lamm, MD; Walker Lyons, MD; Winnie So, RN; and Alliric I. Willis, MD, FACS, MSPH
- [Use of Autoreactive Antibodies in Blood of Patients with Pancreatic Intraductal Papillary Mucinous Neoplasms \(IPMN\) for Grade Distinction and Detection of Malignancy](#), Niall Brindl, Henning Boekhoff, Andrea S Bauer, Matthias M Gaida, Hien Dang, Jörg Kaiser, Jörg D Hoheisel, and Klaus Felix
- [Highlights from the 67th Annual Meeting of the American Society for Artificial Internal Organs in Chicago, IL](#), Christopher D. Pritting, Alice L. Sweedo, Vakhtang Tchantchaleishvili, Dongfang Wang, and Joseph B. Zwischenberger
- [Postoperative outcomes in oesophagectomy with trainee involvement.](#), Oesophago-Gastric Anastomosis Study Group (OGAA) on behalf of the West Midlands Research Collaborative
- [Toward Zero Prescribed Opioids for Outpatient General Surgery Procedures: A Prospective Cohort Trial](#), Ryan Lamm, Steven Woodward, Brandon A Creisher, David Nauheim, Lauren Schlegel, Talar Tatarian, Renee Tholey, Courtney Foley, and Francesco Palazzo

Division of Cardiology Faculty Papers

- [Association Between Social Vulnerability Index and Cardiovascular Disease: A Behavioral Risk Factor Surveillance System Study](#), Vardhman Jain, Mahmoud Al Rifai, Safi U Khan, Ankur Kalra, Fatima Rodriguez, Zainab Samad, Yashashwi Pokharel, Arunima Misra, Laurence S Sperling, Jamal S Rana, Waqas Ullah, Ankit Medhekar, and Salim S Virani
- [Post-Discharge and Long-Term Follow-Up After an Acute Coronary Syndrome: International Collaborative Group of CNEF Position Paper](#), Pierre Sabouret, Gilles Lemesle, Anne Bellemain-Appaix, Pierre Aubry, Pier-Paolo Bocchino, Erik Rafflenbeul, Loïc Belle, Jim Nolan, Marco Bernardi, Giuseppe Biondi-Zoccai, Michael P. Savage, Maciej Banach, and Guillaume Cayla
- [The Anemia Stress Index-Anemia, Transfusions, and Mortality in Patients with Continuous Flow Ventricular Assist Devices](#), Supriya Shore, Thomas C Hanff, Jeremy A Mazurek, Arie Fox, Monique S Tanna, Edward W Grandin, Robert Zhang, Joyce Wald, Carli Peters, Michael A Acker, Pavan Atluri, J Eduardo Rame, Lee R Goldberg, Mariell Jessup, Kenneth B Margulies, and Edo Y Birati
- [Cardiovascular Outcomes of Transradial Versus Transfemoral Percutaneous Coronary Intervention in End-Stage Renal Disease: A Regression-Based Comparison](#), Yasar Sattar, Mohammed Faisaluddin, Talal Almas, Noora Alhajri, Rajendra Shah, Mohamed Zghouzi, Fnu Zafrullah, Prasana M Sengodan, Muhammad Zia Khan, Waqas Ullah, Mahboob Alam, Sudharshan Balla, Nasser Lakkis, Akram Kawsara, Ramesh Daggubati, and M Chadi Alraies

Division of Endocrinology, Diabetes and Metabolic Diseases Faculty Papers

- [Implication of Melanocortin Receptor Genes in the Familial Comorbidity of Type 2 Diabetes and Depression.](#), Mutaz Amin, Jurg Ott, Rongling Wu, Teodor T Postolache, and Claudia Gragnoli

Division of Gastroenterology and Hepatology Faculty Papers

- [Functional, Diagnostic and Therapeutic Aspects of Bile](#), Monjur Ahmed
- [Disease Burden in Patients with Acute Hepatic Porphyria: Experience from the Phase 3 ENVISION Study](#), Bruce Wang, Paolo Ventura, Kei-Ichiro Takase, Manish Thapar, David Cassiman, Ilja Kubisch, Shangbin Liu, Marianne T Sweetser, and Manisha Balwani

Division of Internal Medicine Faculty Papers & Presentations

- [Echocardiographic Predictors of Symptomatic Cardiotoxicity Among Patients Undergoing Chemotherapy: A Systematic Review and Meta-analysis](#), Muhammad Umer Siddiqui, Youssef Yaacoub, Heidi-Anne Hanson, Joey Junarta, Ahmed K Pasha, and Mahek Shah
- [Interobserver Variability Among Expert Readers Quantifying Plaque Volume and Plaque Characteristics on Coronary CT Angiography: A CLARIFY Trial Sub-Study](#), Rebecca Jonas, Shaneke Weerakoon, Rebecca Fisher, William F Griffin, Vishak Kumar, Habib Rahban, Hugo Marques, Ronald P Karlsberg, Robert S Jennings, Tami R Crabtree, Andrew D Choi, and James P Earls
- [A Comprehensive Review on the Risk of Metabolic Syndrome and Cardiovascular Disease after Liver Transplantation](#), Kashyap Chauhan, Adnan Khan, Salil Chowdhury, Heather Ross, Natali Salinas, and Dina Halegoua-De Marzio
- [Feasible Stenting of a Large Septal Perforator Providing a Sizeable Coronary Collaterals](#), Hussam Al Hennawi; Mohammad F. Mathbout,; Abdulrahman Taftafa; and Christopher D. Nielsen
- [The Overestimation of Concentric Hypertrophy In Patients With HFpEF as Determined By 2D-Echocardiography](#), Mohammad F. Mathbout, Hussam Al Hennawi, Anwar Khedr, Gaurang N. Vaidya, and Marcus Stoddard

Farber Institute for Neurosciences Faculty Papers

- [COVID-19 Infection Enhances Susceptibility to Oxidative Stress-Induced Parkinsonism.](#), Richard Jay Smeyne, Jeffrey B Eells, Debotri Chatterjee, Matthew Byrne, Shaw M Akula, Srinivas Sriramula, Dorcas P O'Rourke, and Peter Schmidt
- [γ-Secretase promotes Drosophila Postsynaptic Development Through the Cleavage of a Wnt Receptor.](#) Lucas J Restrepo, Alison T DePew, Elizabeth R Moese, Stephen R Tymanskyj, Michael J Parisi, Michael A Aimino, Juan Carlos Duhart, Hong Fei, and Timothy J Mosca
- [Editorial: Glia-Mediated Neurotoxicity: Uncovering the Molecular Mechanisms.](#) Amit K Srivastava, Barbara Lukomska, and Lorraine Iacovitti

Global Health Articles

- [The Global Network Socioeconomic Status Index as a predictor of stillbirths, perinatal mortality, and neonatal mortality in rural communities in low and lower middle income country sites of the Global Network for Women's and Children's Health Research.](#) Archana B Patel, Carla M Bann, Cheryl S Kolhe, Adrien Lokangaka, Antoinette Tshetu, Melissa Bauserman, Lester Figueroa, Nancy F Krebs, Fabian Esamai, Sherri Bucher, Sarah Saleem, Robert L Goldenberg, Elwyn Chomba, Waldemar A Carlo, Shivaprasad Goudar, Richard J Derman, Marion Koso-Thomas, Elizabeth M McClure, and Patricia L Hibberd
- [Lessons Learned as Thomas Jefferson University's Rural Physician Shortage Area Program \(PSAP\) Approaches the Half-Century Mark.](#) Howard K. Rabinowitz, Robert J. Motley, Fred W. Markham Jr., and Gillian A. Love

Institute of Emerging Health Professions Faculty Papers

- [Reports of Adverse Events Associated with Use of Novel Psychoactive Substances, 2017-2020: A Review.](#) Amanda L A Mohr, Barry K Logan, Melissa F Fogarty, Alex J Krotulski, Donna M Papsun, Sherri L Kacinko, Marilyn A Huestis, and Jeri D Ropero-Miller
- [Continuous Glucose Monitoring Metrics for Earlier Identification of Pre-Diabetes: Protocol for a Systematic Review and Meta-Analysis.](#) Sara Gottfried, Laura Pontiggia, Andrew B. Newberg, Gregory Laynor, and Daniel A. Monti

Jefferson Institute of Molecular Medicine Papers and Presentations

- [Advance Trends in Targeting Homology-Directed Repair for Accurate Gene Editing: An Inclusive Review of Small Molecules and Modified CRISPR-Cas9 Systems.](#) Forough Shams, Hadi Bayat, Omid Mohammadian, Somayeh Mahboudi, Hassan Vahidnezhad, Mohsen Soosanabadi, and Azam Rahimpour

Kanbar College Faculty Papers

- [Visual Communication Design Collaboration with Occupational Therapy to Create Health Literacy Projects for Community Needs.](#) Elizabeth Shirrell, Daniel Verbit, and Monique C. Chabot

Kimmel Cancer Center Faculty Papers

- [Epigenetic Mechanisms Influencing Therapeutic Response in Breast Cancer.](#) Amaia Arruabarrena-Aristorena and Eneda Toska
- [ROS and miRNA Dysregulation in Ovarian Cancer Development, Angiogenesis and Therapeutic Resistance.](#) David C Stieg, Yifang Wang, Ling-Zhi Liu, and Bing-Hua Jiang

Physician Executive Leadership-PLUS (PEL-PLUS)

- [Diabetic Care Pathway.](#) Shalini Bansal, Kayla Kayla Brockmeyer, and Nick Kieran
- [Colonoscopy Standardization: Insurance Verification and Direct Access.](#) Connor Crutchfield, Jacqueline Chen, Kiernan McNelis, and Luke Kelly
- [Medication Reconciliation: Defining the Standard of Care.](#) Jenna Mandel, Matthew Matthew Piechnik, and Rahul Muchintala
- [Implementation of Clinical Milestones for Discharge.](#) Jack Williamson, Kennedy Gallagher, Paul Slota, and Harish Appiakannan
- [3D Printed Liver in Surgery Education.](#) Sara Belko, David Gordon, and Yash Shah
- [Evaluating Driver Fatigue Measures.](#) Mia Belovsky and Stanton B. Miller, MD
- [Acute Care Patient Transfer Patterns from Community Hospital Emergency Departments.](#) Dylan Selbst, Michael Knapp, and Vasil Mico

Rothman Institute Faculty Papers

- [Meloxicam versus Celecoxib for Postoperative Analgesia after Total Knee Arthroplasty: Safety, Efficacy and Cost.](#) Amer Haffar, Yale A Fillingham, Leigham Breckenridge, D'Andrew Gursay, and Jess H Lonner

- [Effect of Preoperative MRI Coracoid Dimensions on Postoperative Outcomes of Latarjet Treatment for Anterior Shoulder Instability.](#), Ryan W. Paul; Dennis A DeBernardis; Daniel Hameed; Ari Clements; Sarah Kamel, MD; Kevin Freedman, MD; and Meghan Bishop
- [Beach Chair Versus Lateral Decubitus Surgical Positioning for Arthroscopic Anterior Shoulder Stabilization: A Retrospective Comparison of Clinical and Patient-Reported Outcomes.](#), Ryan W Paul, Sydney Streicher, Alim Osman, Chuka Ukekwe, Usman Zareef, Kevin B Freedman, Brandon J Erickson, Sommer Hammoud, and Meghan E Bishop
- [Return to Work and Driving After Robotic Arm-Assisted Total Knee Arthroplasty.](#) Manoshi Bhowmik-Stoker, Kevin K. Mathew, Zhongming Chen, Antonia F. Chen, William J. Hozack, Ormonde Mahoney, Fabio R Orozco, Michael A. Mont
- [Evaluating the Impact of Modic Changes on Operative Treatment in the Cervical and Lumbar Spine: A Systematic Review and Meta-Analysis.](#) Mark J Lambrechts, Parker Brush, Tariq Z Issa, Gregory R Toci, Jeremy C Heard, Amit Syal, Meghan M Schilken, Jose A Canseco, Christopher K Kepler, and Alexander R Vaccaro
- [Open Repair of Complete Proximal Hamstring Avulsions in Workers' Compensation Patients.](#) Emma E Johnson, Joseph M Brutico, Lasya Rangavajjula, Yuwei Xia, Ryan W Paul, Peters Otlans, Justin W Arner, Sommer Hammoud, James P Bradley, and Steven B Cohen
- [Gut Permeability May Be Associated With Periprosthetic Joint Infection After Total Hip and Knee Arthroplasty.](#) Emanuele Chisari, Jeongeun Cho, Marjan Wouthuyzen-Bakker, and Javad Parvizi

Scleroderma Center Faculty Papers

- [Progressive multifocal fibrosing neuropathy: description of a novel disease.](#), Fabian A. Mendoza, Jennifer Bagley, Michael Gochfeld, Marinos Dalakas, John Farber, and Sergio A. Jimenez

Student Papers & Posters

- [The Health Effects of a Plant-based Diet on the Human Gut Microbiome.](#) Bryant T. Bell
- [Feasibility of the Transport PLUS Intervention to Improve the Transitions of Care for Patients Transported Home by Ambulance: a Non-Randomized Pilot Study.](#) Kevin G Munjal, Sai Kaushik Yeturu, Hugh H Chapin, Nadir Tan, Diana Gregoriou, Daniela Garcia, Corita Grudzen, Ula Hwang, Barbara Morano, Hayley Neher, Ksenia Gorbenko, Glen Youngblood, Anjali Misra, Staley Dietrich, Cyndi Gonzalez, Giselle Appel, Erica Jacobs, Albert Siu, and Lynne D Richardson
- [Correlates of REM sleep without atonia in dream enactment behavior associated with Parkinson's disease, medication use and obstructive sleep apnea.](#) Abigail Quintos, Rohin Saroya, Nisha Bagchi, and Ritu G. Grewal
- [Reducing Time to Antibiotics in Patients with Neutropenic Fever on a Bone Marrow Transplant Unit.](#) Regina McGuire, Christopher Anand Gardner, Jordan Villars, William O'Hara, Jessica Radicke, Felicia Rivera, Jill Cristiano, Joanne E. Filicko-O'Hara, Usama Gergis, and Adam F. Binder
- [Radiation of meningioma dural tail may not improve tumor control rates.](#) Keenan Piper, Siyuan Yu, Mohammad Taghvaei, Christian Fernandez, Nikolaos Mouchtouris, Rupert D Smit, Clifford Yudkoff, Sarah Collopy, Maikerly Reyes, Pascal Lavergne, Michael Karsy, Giyarpuram Prashant, Wenyin Shi, and James J. Evans

Wills Eye Hospital Papers

- [Conditional analysis on new tumor formation with solitary unilateral retinoblastoma in 482 consecutive patients.](#), Carol L Shields, Philip W Dockery, Megan Ruben, Madalyne A Sunday, Martin Calotti, and Antonio Yaghy
- [Diagnostic Accuracy of Macular Thickness Map and Texture En Face Images for Detecting Glaucoma in Eyes With Axial High Myopia.](#) Christopher Bowd, Akram Belghith, Jasmin Rezapour, Mark Christopher, Leslie Hyman, Jost B Jonas, Robert N. Weinreb, Linda M Zangwill
- [In Vivo Determination of the Human Corneal Elastic Modulus Using Vibrational Optical Coherence Tomography.](#) Marcos A. Crespo, Hiram J. Jimenez, Tanmay Deshmukh, Jose S. Pulido, Ahmed Saeed Saad, Frederick H Silver, Dominick A Benedetto, Christopher J Rapuano, and Zeba Syed
- [TNF- \$\alpha\$ and NF- \$\kappa\$ B Signaling Play a Critical Role in Cigarette Smoke-induced Epithelial-mesenchymal Transition of Retinal Pigment Epithelial Cells in Proliferative Vitreoretinopathy.](#) Victor Wang, Alison Heffer, Elisa Roztocil, Steven E Feldon, Richard T Libby, Collynn F Woeller, and Ajay E Kuriyan

CREATE Day Presentation

- [Walking on Sunshine: Promoting Mental Wellness through Nature](#), Bridget Myer, OST; Andrew Ogg, OTS; Gillian Ranes, OTS; Anna Sismour, OTS; Julia Testa, OTS; and Kelsey Van-Horn, OTS
- [If You're Social and You Know It Regulate: Emotional Regulation Interventions to Support Social Participation in School-Age Children with Autism](#), Emma Brown, Mika Kalimi, Taylor Kligerman, Brenna Richards, and Robyn Williams
- [Occupational Therapy's Role in Improving Functional ADL & IADL Performance Post-Burn Injury](#), William Calloway, OTS; Danielle Kempner, OTS; Ezra Lee, OTS; and Sophie Weber, OTS

Dissertations

- [Modeling Medicare for All in the United States](#), Jeremy J Blanchard
- [Implementation of a Screening Guideline for and Multidisciplinary Clinic Care of Pregnant Women with Underlying Cardiac Disease in an Urban Academic Healthcare System](#), Rebekah Jo McCurdy
- [Patient Perceptions of Medical Stigma Related to Smoking: Development of a Patient-Reported Experience Measure](#), Alison C Brecher
- [Partial Hepatectomy as a Model of Liver Regeneration: Network-Based Profiles](#), Benjamin Barnhart
- [Dissecting How Interactions at the Apex of HIV-1 Env Modulate Epitope Exposure at the Distant Base of the Glycoprotein](#), Hannah M Schapiro
- [Applying a Systems-Thinking Approach to Developing Resiliency in Muslim Nonprofit Organizations](#), Hamid Bertal
- [Evaluating the Performance of Sector Mutual Funds](#), Syed A. Kazmi

Grand Rounds and Lectures

College of Population Health Lectures, Presentations, Workshops

- [Working With JCPH Doctoral Students](#)
Willie H. Oglesby, PhD, MBA, MSPH; Richard W. Hass, PhD; and Alexandria Skoufalos, EdD

Department of Family & Community Medicine Presentations and Grand Rounds

- [Providing Tobacco Use Disorder Treatment with Efficiency and Evidence](#), Ryan Coffman, MPH, CHES, CTTS-M
- [Minimizing the Physician Impact on Disparities](#), Kryss Foster, MD, MPH, FAAFP and Octavia Amaechi, MD, FPHM, FAAFP
- [The Hearst Health Prize: The First Five Years](#), Alexa M. Waters, Alexis Skoufalos, Emily Frelick, Gregory Dorn, and David B. Nash
- [Teaching Residents to Teach: Effective Lecturing](#), Geoffrey Mills, MD, PhD
- [Evidence based Hypertension Update](#), Patrick E. McBride, MD, MPH, FAHA, FACC
- [Developing New Therapies for Brain Tumors](#), Henry Brem, MD
- [An Introduction to Climate Change & Health](#), Natalie Antosh, MD
- [Primary Care Behavioral Health Innovations: Highlighting and Optimizing Team-Based Care](#), Rachelle Rene, PhD, BCB, HSMI, CGP; Brooke Salzman, MD; Rachel Trichtinger, PharmD, BCPP; Charlena Ware, LCSW; and Mollie Cherson, LCSW

Department of Integrative Medicine Lectures, Presentations & Grand Rounds

- [Varieties of Spiritual Experience: Implications for Health and Wellness](#), Andrew Newberg, MD
- [Boosting Your Immune System: A Modern Day Look at Ancient Preventative Measures](#), Ken Grey, AP, DOM

Department of Neurosurgery Presentations and Grand Rounds

- [Emergent Reversal of Antithrombotics in sICH](#), Syed Omar Shah, MD, MBA
- [Pediatric Epilepsy/Functional Neurosurgery: Not Just Little Adults](#), Benjamin Kennedy, MD

Department of Psychiatry and Human Behavior Grand Rounds

- [TJUH Non-Medical Opioid Withdrawal Guidelines for Admitted Patients: An Introduction](#), Christopher R. Martin, MD and Sharon Chaing, MD
- [Lost and Found: A Journey Through Suicide Loss with a Survivor](#), Amanda Blue
- [Seven Types of Truth and their Clinical Significance](#), Salman Akhtar, MD
- [Recurrent Foreign Body Ingestion](#), Kenneth M. Certa, MD

Department of Surgery Presentations and Grand Rounds

- [Paraesophageal Hernia](#), Olugbenga Okusanya, MD, FACS
- [CODE RED: Battling the Plague of Gun Violence](#), Charles J. Yeo, MD, FACS
- [Disparities and Outcome Research in Cancer: What? How? Why?](#), Alliric I. Willis, MD, MSPH, FACS
- [Postoperative Gastric Point of Care Ultrasound - New Technology/New Utility](#), Benjamin Phillips, MD, FACS, FASCRS
- [Management of Open Abdomen](#), Anirudh Kohli, MD, FACS
- [Examining the Root Causes of Surgical Complications Through the Lens of the Microbiome](#), John C. Alverdy, MD, FACS, FSIS
- [An Einstein Medical Center-TJUH Care Evaluation of Mild Traumatic Brain Injury](#), Stanton B. Miller, MD, MPH, FACS
- [Acute Support: Impella Temporary LVAD System and ECMO](#), Howard T. Massey, MD
- [Surgical Lifeline: A Surgeon's Framework for the Unplanned Intraoperative Consultation](#), Francesco Palazzo, MD, FACS, FASMBS

Disability Care Lecture Series

- [Neurogenic Bowel](#), Marisa Moreta, DO
- [Mobility Evaluation and Wheelchairs](#), Marisa Moreta, DO
- [Communication Disorders Associated with Acquired Neurological Disorders in Adults](#), Patricia A. Remshifski, PhD
- [Balance and Falls](#), Joseph McCoy, PT, MSPT, NCS
- [Parkinson's Disease Basics: What the Internist Needs to Know](#), Anh-Thu N. Vu, MD, MS
- [Caring for Patients with Autism Spectrum Disorder \(ASD\)](#), Mary M. Stephens, MD, MPH
- [Considerations with Hearing Impairment](#), Jennifer Poston, PhD
- [Considerations for Vision Impairment](#), Joe Kardine, MS, OTR/L, CBIS
- [An Update in Understanding ADHD](#), Wendy Ross, MD, FAAP and Jane Tobias, DNP, CRNP, CPNP
- [Evaluation and Management of Neurogenic Bladder](#), Patrick J. Shenot, MD, FACS
- [Mechanism and Treatment of Spasticity](#), Kimberly Heckert
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- [Rapid Systematic Review: COVID-19, Central Line Bloodstream Infections, and Ventilator-Associated Event Rates in the United States](#), Nkeiruka N. Ashiedu
- [The State of Weight Stigma in Philadelphia: Improving Child and Adolescent Experiences](#), Lauren Waldman
- [The Impact of the Promotoras Program on Knowledge, Attitudes and Cervical Cancer Screening Among Hispanic/Latina Women: Rapid Review](#), Christina Gareis
- [Attitudes and Opinions of Medical Students on Future Utilization of Masks](#), Aric Gonter

- [A Scoping Review of the Effect of Vaping Advertisements on Teens in the United States](#), *Emily S. McDermott*
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- [Disparities in Access to Advanced Stroke Care](#), *Raluca Isenberg*
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- [COVID-19 Vaccination Outreach Efforts in Philadelphia High Schools: Reflections from Masters of Public Health Students](#), *Anna T. Sicilia*
- [Identifying Barriers to Physical Therapy Services for Medicaid Managed Care Enrollees: A Rapid Systematic Review](#), *Shelley St Omer Roy*
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- [Reflections on JCIPE's Interprofessional Palliative Care Program](#), *Brian Donnelly BSN*
- [Curricular Revision and Assessment of Undergraduate Interprofessional Education](#), *Erin Choice PhD, CSCS and Shelene Thomas PT, DPT, EdD, GCS, FNAP*
- [Raising the Bar: Evolution of a Statewide Interprofessional Education Program Following a 5-Year Outcomes Evaluation](#), *Brittany J. Daulton PhD, MS; Zachary A. Weber PharmD, BCPS, BCACP, CDCES, FASH; April D. Newton PT, DPT, MA, FNAP; Laura Romito DDS, MS, MBA, FNAP; and Barbara Manz Friesth PhD, RN*
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- [Meet an IPE Faculty Champion from Thomas Jefferson University](#), *Jeannette Kates PhD, CRNP, AGPCNP-BC, GNP-BC*
- [Micro-Credentials In IPE: The IPE Path of Distinction and Badger Programs in University of Wisconsin-Madison](#), *Hossein Khalili BScN, MScN, PhD, FNAP; Susan Wenker PT, PhD; Laura Birkeland MS, CGC; Meghan Cotter PhD; Benjamin Weber MA, MB, (ASCP)CM; Julia Schiller SPT; and Roberta Rusch MPH*
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- [Leadership Doctorates Newsletter: Volume 8, Number 3](#), Larry Starr, PhD

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- [The Laws of the Dead](#), Gillian Naro, MD, MEd and Marie-Laure Flamer, MD
- [Internal Medicine Residents' Experience with using Handheld Ultrasound Machines in Point-of-Care Ultrasonography](#), Michael Dong, MD; Tudor Sturzoiu, MD; Fred Karaisz; and Max Ruge, MD
- [Pulmonary Metastases of Basal Cell Adenocarcinoma Presenting as Hemoptysis](#), Matthew DiMeglio, DO, MBA; Mark Mallozzi, MD; Prarthna Kulandaisamy, MD; Julie Barta, MD; and Jennifer Johnson, MD
- [Spontaneous Tumor Lysis Syndrome in Undifferentiated Pelvic Solid Tumor with Associated New Onset Atrial Flutter: A Case Report](#), Sameep Thapa, MD; Max Ruge, MD; and Tamar Wolinsky MD
- [A Case Report of Methemoglobinemia and Hemolytic Anemia in the Setting of COVID-19 Pneumonia and G6PD Deficiency](#), Grant W. Jirka, MD; Travis Hunt, MD; Sushil Ghimire, MD; Rakhshanda Akram, MD; and Urvashi Vaid, MD, MS
- [A Case of Acute Pancreatitis Associated with Empagliflozin](#), Tudor Sturzoiu, MD; Sameep Thapa, MD; Ellen Solomon; and Suchit Bhutani, MD
- [A Confounding Case of Acute Hepatitis A](#), Andrea Molin, MD; Michael Cheung, MD; and Timothy Kuchera, MD
- [Shocked But Not Surprised: The Philly Cardioversion](#), Gillian Naro, MD, MEd; Naman Upadhyay, MD; Emilie Thompson, MD; and Tudor Sturzoiu, MD
- [A Case of Patent Foramen Ovale as a Cause of Persistent Hypoxia](#), Jaya Janadhyala, MD and Jonathan Foster, MD
- [Cardiac Amyloidosis: A Known Disease with an Unknown Presentation](#), Svenja Schneider, MD; Tudor Sturzoiu, MD; Tanuka Datta, MD; Yevgeniy Brailovsky, DO, FACC; Sung-Hae Cho, MD, FACC; and Paulina Gorodin-Kiliddar, MD
- [Another Case of Takotsubo Syndrome: Excluded by the Presence of Significant Coronary Artery Disease, or Caused by Significant Coronary Artery Disease?](#), Bharaniabirami Rajaram, MD; Neveda Murugesan, MD; and Gregory D. Marhefka, MD
- [Challenges of Managing Giant Cell Myocarditis: A Case Report on the Mechanical Support Perspective](#), Abdul W. Kazi, MD, MBA and Harsh Doshi, MD
- [From the Chief Residents](#), Cristina Angelo, MD; Katherine Duffey, MD; Evan Nardone, MD; and Michelle Perkons, MD
- [From the Editors](#), Shuji Mitsuhashi, MD; Abdul W. Kazi, MD; and Matthew DiMeglio, DO, MBA
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- [An Integrative Review of Clinical Outcome Assessments Used to Measure Carryover Effects of Exoskeletons and Functional Electrical Stimulation in Spinal Cord Injury](#), Martha K. Childress; Olivia M. Biller; Nicole Gerhardt, MS, OTR/L, CBIS; Namrata Grampurohit, PhD, OTR/L; Rachel Y. Kim, OTD, OTR/L; and MJ Mulcahey, PhD, OTR/L
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- [An Integrative Review of Clinical Outcome Assessments Used to Measure Carryover Effects of Exoskeletons and Functional Electrical Stimulation in Spinal Cord Injury](#), Martha K. Childress; Olivia M. Biller; Nicole Gerhardt, MS, OTR/L, CBIS; Namrata Grampurohit, PhD, OTR/L; Rachel Y. Kim, OTD, OTR/L; and MJ Mulcahey, PhD, OTR/L
- [Presentation and Predictors of Metastatic Testicular Cancer: A Contemporary Population-Based Analysis](#), Yash Shah, Hanan Goldberg, and Thenappan Chandrasekar
- [Engaging Stakeholders as Advisors on the Design of a Large-Scale Calibration Study of the Spinal Cord Injury Movement Index \(SCI-MI\) Item Pools](#), Olivia M. Biller, OTDc; Jason Biundo, BS; Edward S.-L. Mitchell, MBA; Ernest Ofori, MB ChB, LMCC; Bonnie Richardson; Rachel Y. Kim, OTD, OTR/L; Nicole Gerhardt, MS, OTR/L, CBIS; and M.J. Mulcahey, PhD, OTR/L, FASIA
- [Upper Limb Capabilities, Self-Care and Fine Motor Activities with and Without Equipment in Persons with Cervical Spinal Cord Injury at Discharge from Rehabilitation and 1 Year Post-Injury](#), Ralph J. Marino, David Chen, Sara Mulroy, Edelle Field-Fote, and Benjamin Leiby
- [Microaxial Support After Orthotopic Heart Transplantation](#), Christopher D. Pritting, Danial Ahmad, Takuma Miyamoto, Taufiek Konrad Rajab, Indranee Rajapreyar, Howard Massey, and Vakhtang Tchantchaleishvili

Miscellaneous

Jefferson Digital Commons Quarterly Report

- [Jefferson Digital Commons Quarterly Report: April-June 2022](#)

What People are Saying About the Jefferson Digital Commons

Name: G Burns

Country: US

Role: forum participant

Resource URL: <https://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1140&context=jeffjpsychiatry>

Comments: Several anti freud comments were aggressively asserted, rationalized as 'opinion'. I used the above cite as a rebuttal.

Name: Sara

Country: PT

Role: Occupational Therapist

Resource URL: <https://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1087&context=otfp>

Comments: I think is important to help the family of my patients with autism

Name: John Choate

Country: DZ

Role: researcher

Resource URL: <https://jdc.jefferson.edu/cgi/viewcontent.cgi?article=1012&context=savacool>

Comments: Researching Elias I. Baily's status, a Jefferson graduate. Helpful information.

Name: Yousra Hamid Abdulalim

Country: EG

Role: student

Resource URL: https://jdc.jefferson.edu/si_dh_2022_phase1/14

Comments: I'm a Health Economics student in Egypt, I enrolled in a HEOR Fellowship program, and I need this article to help me in my final project (BIA study of Kardiamobile for atrial fibrillation detection)

Name: Daniel Austin

Country: US

Role: faculty

Resource URL: <https://jdc.jefferson.edu/petposters/1/>

Comments: For research for buprenorphine formulation stability

Name: not entered

Country: US

Role: student

Resource URL: <https://jdc.jefferson.edu/hpforum/138/>

Comments: This podcast is very informative and interesting because it is highlighting the issues which have been ignored in past. The solution discussed in this podcast are easy to apply and easy to manage. I think student communities could be involved to play their role in resolving current health issues faced by our societies. Students could be involved to increase awareness in public about different healthcare problems.