The Best Poster in the Field of Cardiovascular Biology

Winner: Julia Fedorova
Title of Poster: "Cardiac overexpression of Sestrin2 exacerbates ischemia and reperfusion injury through disruption of redox systems in the heart"
Author(s): Julia Fedorova, Di Ren Ph.D., and Ji Li Ph.D.

The Best Poster in the Field of Immunology and Microbiology

Winner: Ojas Natarajan
Title of Poster: “Lysogeny shapes Microbiota by impacting bacterial physiology”
Author(s): Ojas Natarajan PhD, Celine Atkinson, Eric Kees PhD, Jeff Gralnick PhD, Larry Dishaw PhD (PI)

The Best Poster in the Field of Molecular and Cellular Biology

Winner: Dante Deascanis
Title of Poster: “Investigating a Mechanism for Gene Silencing Flanking DNA Double-Strand Breaks”
Author(s): Dante DeAscanis, Younghoon Kee

The Best Poster in the Field of Neuroscience

Winner: Yan Yan
Title of Poster: "Novel role of USP11 in tauopathy"
Author(s): Yan Yan, Jenet Matlack, Grace Lloyd, Nisarg Ray, Jung A Woo, David E Kang

The Best Poster in the Field of Other Clinical Research

Winner: Andrew Sephien
Title of Poster: “The Use of Intra-operative Bupivacaine to Reduce Post-operative Pain and Opioid Use in Open Carpal Tunnel Release: A Double-Blind Controlled Trial”
Author(s): Andrew Sephien, Evan Horowitz, MD, Ambuj Kumar, MD, Jessica C Zakhary, Danielle Gulick, PhD, Francisco Schwartz-Fernandes, MD

The Best Poster in the Field of Nursing

Winner: Dorothie Durosier Mertilus
Title of Poster: “Sexual Distress in Lymphoma Patients: A State-of-the-Art Literature Review”
Author(s): Dorothie Durosier Mertilus, DNP, APRN, RN, AGNP-C
The Best Poster in the Field of Other Basic Research

**Winner:** Olivia Hardy  
**Title of Poster:** "Development of an Evidence-Based Agenda for Primary and Secondary Liver Cancer Outreach and Community Engagement: A Regional Multi-Specialty and Patient-Inclusion Survey-Based Initiative"  
**Author(s):** Olivia Hardy, BS, Catherine Villani, BS, Mintallah Haider, MD, Diana Castillo-Lopez, Susan Vadaparampil, PhD, and Daniel A. Anaya, MD

Medical Student Research Award: Year 1, 2 (Basic Science)

**Winner:** Vineet Nadkarni  
**Title of Poster:** "The temporal properties of T-cell infiltration and microglial activation in an α-synuclein model of Parkinson's disease"  
**Author(s):** Vineet Nadkarni, Meena S. Subbarayan, Charles Hudson, Paula C. Bickford

Medical Student Research Award: Year 1, 2 (Clinical / Translational Science)

**Winner:** John Cheng  
**Title of Poster:** "Effects of Non-Insulin Dependent Diabetes Mellitus (NIDDM) on Primary Open Angle Glaucoma (POAG) and Peripapillary Microvasculature Density (VD)"  
**Author(s):** John Y. Cheng, Steven Beigelman, Jaemyoung Sung, Sandra Johnson MD

Medical Student Research Award: Years 3, 4

**Winner:** Alexander Shahin  
**Title of Poster:** "Inter-visit variability of two SD-OCT models"  
**Author(s):** Alexander Shahin, Sabrina Khalil, David Richards, Ramesh Ayyala, Radouil Tzekov

Medical Student Research Award: Case Study / Review Award

**Winner:** Zachary Makovich  
**Title of Poster:** "Liver Tumor Ablation in Difficult Locations: Ablation of Perivascular and Subdiaphragmatic Tumors"  
**Author(s):** Zachary Makovich, JerryRay Logemann, Liwei Chen, Rahul Mhaskar, Ghassan El-Haddad, Junsung Choi, Nainesh Parikh, Jennifer Sweeney, Bela Kis
The Basic Science Award: Doctoral Student Research

Winner: Helena Hernandez-Cuervo
Title of Poster: “Role of BMI1 Depletion in Hyperoxia-induced Acute Lung Injury (HALI) Using In Vitro and In Vivo Models”
Author(s): Helena Hernández-Cuervo MD, Soundararajan, Ramani Ph.D., Patil, Sahebgowda M.Sc., Alleyn, Matthew B.Sc., Breitzig, Mason B.Sc., Galam, Lakshmi Ph.D., Sharma, Nirmal M.D., Lockey, Richard M.D., Kolliputi, Narasaiah Ph.D.

The Basic Science Award: COPH Doctoral Student Research

Winner: Nisha Vijayakumar
Title of Poster: “Characterization of Environmental Contaminants Found in Donated Breast Milk in Florida”
Author(s): Nisha Vijayakumar, BDS, MPH; Naya Martin, BS; Meghana Venkatesh; Thomas Mason, PhD; Laurent Calcul, PhD; Marie Bourgeois, PhD

The Basic Science Award: Masters Student Research

Winner: Mitchell Farmer
Title of Poster: “An Exploration of Chemical Protein Interactomes of Crizotinib for Drug Repositioning”
Author(s): Mitchell Farmer, Minghua Li, Melissa Gaeta, and Jiazhi Sun

The Basic Science Award: COPH Masters Student Research

Winner: Jan Dahrendorff
Author(s): Jan Dahrendorff, Thomas E. Keller, Don Armstrong, Agaz Wani, Annie Qu, Derek Wildman, M. Carmen Valero, Karestan Koenen, Allison Aiello, Monica Uddin

The Basic Science Award: Undergraduate Student Research

Winner: Alexander Llauget
Title of Poster: “Human Bone Marrow-Derived Stem Cell Transplantation into Symptomatic ALS Mice Attenuates Blood-Spinal Cord Barrier Damage by Re-Establishing Pericyte Coverage and Endothelium Cytoskeleton”
Author(s): Alexander Llauget, Robert Shell, Surafuall Hailu, Hilmi Mustafa, Spencer Jaffe, Paul R. Sanberg, Cesario V. Borlongan, Svitlana Garbuzova-Davis
The Clinical / Translational Science Award: Doctoral Student Research

Winner: Alexandra Cochrane
Title of Poster: "Strength and Proprioceptive Interventions to Improve Quality of Life in People with Hypermobile Ehlers-Danlos/ Joint Hypermobility Syndrome: A Systematic Review"
Author(s): Alexandra Cochrane, SPT, Katherine Kane, SPT, Heather Senica, SPT, Justin Reynolds, SPT, Michael Glaser, SPT, Patricia Teran Wodzinski, PT, PhD

The Clinical / Translational Science Award: COPH Doctoral Student Research

Winner: Kenneth Taylor
Title of Poster: “Go with the Flow: Positive Airway Pressure Adherence and Time to Back Pain Diagnosis”
Author(s): Kenneth A. Taylor, PT, DPT, OCS, Skai W. Schwartz, PhD, Yuri Sebastião, PhD, W. McDowell Anderson, MD, Philip R. Foulis, MD

The Clinical / Translational Science Award: Masters Student Research

Winner: Amrita Unnikumaran
Title of Poster: "MORPHOMETRY AND DENSITY ANALYSIS OF THE FIFTH METACARPAL"
Author(s): Amrita Unnikumaran, Peter Simon, William Lee, Sergio Velasquez

The Clinical / Translational Science Award: COPH Masters Student Research

Winner: Emma Hume
Title of Poster: “Investigation into the Association between Breastfeeding and Autism”
Author(s): Emma Hume, B.S, Russel Kirby, Ph.D., M.S.

The Clinical / Translational Science Award: Undergraduate Student Research

Winner: Aizara Ermekbaeva
Title of Poster: "Association Between Alcoholic Liver Disease and Alcohol Tax"
Author(s): Aizara Ermekbaeva, Jacenthal Buggs, M.D, Sadaf Aslam, M.D., M.S., Samantha Melo, B.S., Ebonie Rogers, B.S., Ambuj Kumar, M.D., M.P.H., Nyingi Kemmer, M.D.

Post-Doctoral Scholar Research Award

Winner: Jea-Young Lee
Title of Poster: “A PUNCH IN THE GUT IN PARKINSON’S DISEASE USING STEM CELL TRANSPLANTS ALTERS THE MICROBIOME”
Author(s): Jea-Young Lee, Brooke Bonsack, Jared Ehrhart, Paul R. Sanberg, Cesar V. Borlongan
The Community Research Award (COPH): Doctoral Student Research

**Winner:** Marshara Fross  
**Title of Poster:** “Death by Cesarean – Assessing the Link Between Cesarean Status and the Rise in Pregnancy-Related Death Due to Hemorrhage”  
**Author(s):**

The Community Research Award (COPH): Masters Student Research

**Winner:** Davies Toluhi  
**Title of Poster:** "Drivers for Father’s Involvement in the Child’s Life and Engagement in Florida Maternal, Infant and Early Childhood Home Visiting Programs.”  
**Author(s):** Davies Toluhi, MBChB, Vidya Chandran, BDS, MBA, Caitlynn Carr, MA, Bola Yusuf, MBBS, MPH, Rafaella Stein-Elger, BA, Barbara Dorjulus, BS, Jennifer Marshall, PhD, MPH

The USF Health Dean’s Interdisciplinary Research Award

**Winner:** Caitlin Wolfe  
**Title of Poster:** “Satellites to Snails in Northern Senegal: Identifying highly productive snail habitats through remote sensing for targeted vector control of schistosomiasis”  
**Author(s):** Caitlin Wolfe, Christopher Haggerty, Isabelle Jones, Andy Chamberlin, Nicolas Jouanard, Simon Enghor, Raphael Ndione, Sidney Bakuoum, Chelsea Wood, Sanna Sokolow, Gilles Riveau, Giulio De Leo, and Jason Rohr.

The Outstanding Innovations in Medicine Award

**Winner:** Zeinab Motawe  
**Title of Poster:** "Sigma-1 receptor activation enhances endothelial barrier function and promotes glycolytic ATP production"  
**Author(s):** Zeinab Y. Motawe, Forouzandeh Farsaei, Salma S. Abdelmaboud, Javier Cuevas, Jerome W. Breslin.

The Outstanding 4th Year Medical Student Poster Award (Presented by Watson Clinic)

**Winner:** Yumna Ahmad  
**Title of Poster:** “Why Patients Leave When They Do - Searching for Improved Hospital Flow”  
**Author(s):** Dr. Joseph Luke O’Neill, MD. Yumna Ahmad, Dr. Jamie Weber, MD., Dr. Alexander Reiss, MD.
The Dr. Christopher P. Phelps Memorial Fund Annual Morsani College of Medicine Neuroscience Student Travel Award

Winner: Sara Cazzaro  
Title of Poster: "FTD-ALS-Linked CHCHD10 mutations induce lysosomal dysfunction"  
Author(s): Sara Cazzaro, Jung-A Woo, Tian Liu, Cenxiao C. Fang, Patrick LePochat, Xingyu Zhao, Chaput Dale, & David E. Kang

The USF Federal Credit Union Best Poster in the Field of Cancer Biology Award

Winner: Roukiah Khalil  
Title of Poster: "Withaferin A Induces Immunogenic Cell Death in Non-small Cell Lung Cancer"  
Author(s): Roukiah Khalil, Rinku Dutta, Ryan Green, Sirinivas Bharadwaj, Shyam Mohapatra, Subhra Mohapatra

The Tampa General Hospital Travel Award for Clinical Fellows

Winner: David Gajzer  
Title of Poster: "High MYC Protein Expression in MDS and MDS/MPN Predicts Early Disease Transformation to AML"  
Author(s): David Gajzer, MD, Pukhraz Basra, MD, Seongseok Yun, MD, PhD, Ling Zhang, MD

The Tampa General Hospital Outstanding Medical Resident Research Award

Winner: Evelena Cousin-Peterson  
Title of Poster: "Complications of Diverting Ileostomy after Low Anterior Resection from 2012-2017: Have We Improved Care?"  
Author(s): Evelena Cousin-Peterson, Haroon Janjua, Tara M Barry, Paul C. Kuo, and J. Ryan Williams

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Tara Barry  
Title of Poster: “BATTLE OF THE SEXES: THE EFFECT OF SURGEON GENDER ON POST-OPERATIVE IN HOSPITAL MORTALITY”  
Author(s): Tara M. Barry MD, Haroon M. Janjua MS, Evelena Cousin-Peterson MD, Mary Ottinger MD, Paul C. Kuo MD MS MBA
The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Byron Cheon
Title of Poster: “Reconciling Physical and Intellectual Property in the Open Data Age”
Author(s): Nicholas W. Carris, PharmD; Byron Cheon; Jay Wolfson, DrPH, JD, LHCROM

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Jasmina Ehab
Title of Poster: “Curative-intent Surgery for Geriatric Patients with Intrahepatic Cholangiocarcinoma: Utilization Patterns and Survival Benefit”
Author(s): Jasmina Ehab, MS, Ovie Utuama, MD, Jennifer Permutth, MS, PhD, Getachew Dagne, PhD, Jason Denbo MD, Richard Kim MD, and Daniel A. Anaya MD

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Rebecca Koerner
Title of Poster: “Parent Biobehavioral Responses to SSC: State-of-the-Art Review”
Author(s): Rebecca Koerner MS, APRN, CPNP-PC

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Erin Laird
Title of Poster: “Medical Cannabis: Pharmacists’ Knowledge and Opinions on Healthcare Integration”
Author(s): Erin Laird, Abigail Anderson, Alexandra Gott, Angela Hill, PharmD., CRPh

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Ashley Lui
Title of Poster: “Evaluation of Eastern Equine Encephalitis Virus (EEEV) Winter Activity in Florida”
Author(s): Ashley Lui, Dr Niketa Patel

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Heather Mahoney
Title of Poster: “Altered behavior, neurogenesis, and GABAA receptor modulation in a Reln and Disc1 double-hit model for genetic susceptibility to schizophrenia”
The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Andrew Matar  
Title of Poster: “Validation of Allometric Scaling Laws in Normal Coronary Arteries Using 3-D Computed Tomography; Implications on the Evaluation of Diffuse Coronary Atherosclerosis”  
Author(s): Andrew H. Matar, MS; Summer J. Decker, PhD; Kaushik S. Shahir, MD; Fadi A. Matar, MD; Jonathan M. Ford, PhD

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Moorthi Ponnusamy  
Title of Poster: “The loss of neuronal BIN1 exacerbates Alzheimer Disease Tau pathophysiology”  
Author(s): Moorthi Ponnusamy, Melike Yuksel, Robert J. Andrew, Mitch Hansen, Ha-Na Shim, Gopal Thinakaran

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Shanda Vereen  
Title of Poster: “...if they don’t have money to spend on a child, then they can’t be with them…”: Barriers to father involvement  
Author(s): Shanda Vereen, MSPH, Rashida Jones, PharmD, Deborah Austin, PhD, Estrellita ‘Lo’ Berry, MA, Roneé Wilson, PhD

The Joseph Krzanowski, PhD Invited Oral Presentations Invitee

Presenter: Yingwei Yang  
Title of Poster: “Co-occurrence of Individual and Community Risk Factors on Youth’s Perceived Safety: A Second-order Factor Analysis based on the Syndemic Theory”  
Author(s): Yingwei Yang, MSc, BMSc; Karen Liller, PhD; Abraham Salinas, PhD, MD; Martha Coulter, DrPH

The Joseph Krzanowski, PhD Invited Oral Presentations Award

Winner: Kristi Miley  
Title of Poster: “Evaluation of Eastern Equine Encephalitis Virus (EEEV) Winter Activity in Florida”  
Author(s): Kristi Miley, Joni Downs, Nathan Burkett-Cadena, Richard West, Brenda Hunt, Benjamin Brewer, Peter Brabant, George Deskins, Billy Kellner, Sandra Fisher-Grainger, Thomas R. Unnasch