

### Publications

- Avalos D, Sabuncu S, Mamounis KJ, **Davidson VL**, Moënné-Loccoz P, Yukl E.T. (2019). Structural and Spectroscopic Characterization of a Product Schiff Base Intermediate in the Reaction of the Quinoprotein Glycine Oxidase, GoxA. *Biochemistry*, 58(6), 706-713. doi: 10.1021/acs.biochem.8b01145
- Boffey D, Harat I, Gepner Y, Frosti CL, Funk S, **Hoffman J.R.** (2019). The Physiology and Biomechanics of Load Carriage Performance. *Military Medicine*, 184 (1-2). doi: 10.1093/milmed/usy218
- Bomar A\*, Thompson A\*, McCann A\*, Anand A\*, Baker A\*, Crusse E\*, McElroy M\*, **Pasarica M** - Poster: The role of a quality improvement board position in improving care at a student-run free clinic through the Plan-Do-Study-Act model - Society of Student-Run Free Clinics Conference Annual Conference – March 1-3, 2019, Kansas City, MO.
- Chen, J., Gu, H., Wurster, R. D., & **Cheng Z.** (2019). Baroreflex Control of Heart Rate in Mice Overexpressing Human SOD1: Functional Changes in Central and Vagal Efferent Components. *Neuroscience Bulletin*, 35(1), 91-97. doi:10.1007/s12264-018-0302-y
- **Chen, L., & Chai, K. X.** (2019). Matriptase cleaves the amyloid-beta peptide 1–42 at Arg-5, Lys-16, and Lys-28. *BMC Research Notes*, 12(1). doi:10.1186/s13104-018-4040-z
- **Cheng, Z. J.,** Wang, R., & Chen, Q. (2019). Autonomic Regulation of the Cardiovascular System: Diseases, Treatments, and Novel Approaches. *Neuroscience Bulletin*, 35(1), 1-3. doi:10.1007/s12264-019-00337-0
- Crothers, B. A., Ghofrani, M., Zhao, C., Dodd, L. G., Goodrich, K., **Husain, M., Davey, D. D.** (2019). Low-Grade Squamous Intraepithelial Lesion or High-Grade Squamous Intraepithelial Lesion? Concordance Between the Interpretation of Low-Grade Squamous Intraepithelial Lesion and High-Grade Squamous Intraepithelial Lesion in Papanicolaou Tests: Results From the College of American Pathologists PAP Education Program. *Archives of Pathology & Laboratory Medicine*, 143(1), 81-85. doi:10.5858/arpa.2018-0003-cp
- **Davey, D. D.,** Goulart, R. A., & Nayar, R. (2018). An advocacy victory: Final USPSTF cervical cancer screening recommendations revised to include cotesting option. *Journal of the American Society of Cytopathology*, 7(6), 333-335. doi:10.1016/j.jasc.2018.08.005
- Eliot, J.A.R. & **Hirumi A.** (2019). Emotion theory in education research: An interdisciplinary critical literature review. *Educational Technology, Research and Development*. Published online. <https://doi.org/10.1007/s11423-018-09642-3>.
- Fuse MA, Dinh CT, Vitte J, **Kirkpatrick J**, Mindos T, Plati SK, Young JI, Huang J, Carlstedt A, Franco MC, Brnjos K, Nagamoto J, **Petrilli AM, Copik AJ, Soualakova JN**, Bracho O, Yan D, Mittal R, Shen R, Telischi FF, Morrison H, Giovannini M, Liu XZ, Chang LS, **Fernandez-Valle C** (2019). Preclinical assessment of MEK1/2 inhibitors for neurofibromatosis type 2-associated schwannomas reveals differences in efficacy and drug resistance development. *Neuro Oncology*. doi: 10.1093/neuonc/noz002.
- George DS, Anderson WA, Sommerhage F, Willenberg AR, **Hines RB, Bosak AJ, Willenberg BJ, Lambert SL** (2019). Bundling of axons through a capillary alginate gel enhances the detection of axonal action potentials using microelectrode arrays. *Journal of Tissue Engineering and Regenerative Medicine*. 2019;13(3):385-395. doi:10.1002/term.2793.



# UCF Faculty AcCOMplishments

January – March 2019

## Publications (Continued)

- Ghofrani M, Zhao C, Dodd L.G., Goodrich K, **Husain M**, Kurtycz D.F.I., Russell DK, Shen R.Z., Souers RJ, Staats P.N., Tabatabai ZL, Witt BL, **Davey D.D.** (2019). Low-grade squamous intraepithelial lesion or high-grade squamous intraepithelial lesion? Concordance between the interpretation of low-grade squamous intraepithelial lesion and high-grade squamous intraepithelial lesion in Papanicolaou tests: results from the College of American Pathologists Interlaboratory PAP Education Program. *Arch Pathol Lab Med* 2019;143:81-85 PMID: 30133317
- Harris J, Paul O, Park SH, White SJ, Budachetri K, McClung DM, **Wilson JG**, Olivier AK, Thornton JA, Broadway PR, Ricke SC, Donaldson JR (2019). Oxygen deprivation influences the survival of *Listeria monocytogenes* in gerbils. *Transl Anim Sci*. doi: 10.1093/tas/txy110.
- **Huang, Jeffrey**. (2019). Our Own Safety. *APSF Newsletter*. <https://www.apsf.org/article/our-own-safety/>
- Justice JN, Nambiar AM, Tchkonja T, LeBrasseur NK, Pascual R, Hashmi SK, Prata L, **Masternak MM**, Kritchevsky SB, Musi N, Kirkland JL (2019). Senolytics in idiopathic pulmonary fibrosis: Results from a first-in-human, open-label, pilot study. *EBioMedicine*. doi: 10.1016/j.ebiom.2018.12.052
- Kumar S, Patel H, **Paulson J**, & **Gros B**. (2019). Radiation Induced Valvular Disease: The Internist's Prospective. *British Medical Journal Case Reports*, 12(1). doi: 10.1136/bcr-2018-226989
- **Li X**, Hu H. (2019). Improving miRNA Target Prediction Using CLASH Data. *Methods Mol Biol*.
- López-Pérez M, Jayakumar JM, Haro-Moreno JM, Zaragoza-Solas A, Reddi G, Rodriguez-Valera F, Shapiro OH, Alam M, **Almagro-Moreno S**. (2019). Evolutionary Model of Cluster Divergence of the Emergent Marine Pathogen *Vibrio vulnificus*: From Genotype to Ecotype. *MBio*.
- Owens VL, Ha T, **Soulakova JN.**, Widespread use of flavored e-cigarettes and hookah tobacco in the United States., *Prev Med Rep*. 2019 Mar 22
- **Pasarica, M**, Bailey, M, and **Cendan, J**. (2019). Increasing Students' Publication Productivity: Could Launching a University Scientific Journal be a Catalyst? *Cureus* 11(1): e3953. doi:10.7759/cureus.3953.
- **Pasarica, M., Kay, D**. Med.Sci.Educ. Lifestyle Medicine Education: Finding Learning Outcomes in Unexpected Places (Jan 31, 2019). <https://doi.org/10.1007/s40670-019-00697-2>
- Patel H, Ko Ko, N, **Gros B**. (29 January 2019 ). "Aceing" the Hidden Spade – Review of Diagnosis, Follow-up, Prognosis and various associations of Apical Variant of Hypertrophic Cardiomyopathy. **Cureus**.
- Perry DL Jr, Roberts BF, Debevec G, Michaels HA, **Chakrabarti D**, Nefzi A. (2019 Mar 20;24(6)). Identification of Bis-Cyclic Guanidines as Antiplasmodial Compounds from Positional Scanning Mixture-Based Libraries. *Molecules*.
- Qasem A, Ramesh S, **Naser SA**. (Feb 2019). Genetic polymorphisms in tumour necrosis factor receptors (*TNFRSF1A/1B*) illustrate differential treatment response to TNF $\alpha$  inhibitors in patients with Crohn's disease. *BMJ Open Gastroenterol*.
- Sell S, **McKinstry KK**, **Strutt TM**. (2019 Jan 11;11(1)). Mouse Models Reveal Role of T-Cytotoxic and T-Reg Cells in Immune Response to Influenza: Implications for Vaccine Design. *Viruses*.
- Shoulders H, Garner KH, **Singla DK**. (Jan 2019). Macrophage depletion by clodronate attenuates bone morphogenetic protein-7 induced M2 macrophage differentiation and improved systolic blood velocity in atherosclerosis. *Transl Res*.



# UCF Faculty AcCOMplishments

January – March 2019

## Publications (Continued)

- Sun A, Hao J, Yu L, Lahiri SK, Yang W, Lin Q, **Zhao J.** (March 2019). Regulation of Krüppel-like factor 8 by the NEDD4 E3 ubiquitin ligase. *Am J Transl Res.*
- **Taliaferro LA**, Muehlenkamp JJ, Jeevanba SB. Factors associated with emotional distress and suicide ideation among international college students. *Journal of American College Health*, 2019; 1-5: doi: 10.1080/07448481.2019.1583655. [Epub ahead of print].
- Torre DM, **Hernandez CA**, **Castiglioni A**, Durning SJ, Daley BJ, Hemmer PA, **LaRochelle J.** The Clinical Reasoning Mapping Exercise (CResME): a new tool for exploring clinical reasoning. *Perspectives on Medical Education*. 2019; 8(1):47-51.
- Zheng T, Crews J, McGill JL, Dhume K, Finn C, **Strutt T**, **McKinstry KK**, Huo Q. A Single-Step Gold Nanoparticle-Blood Serum Interaction Assay Reveals Humoral Immunity Development and Immune Status of Animals from Neonates to Adults. *ACS Infect Dis.* 2019 Feb 8
- Wood HN, Sidders AE, Brumsey LE, Morozkin ES, Gerasimova YV, **Rohde KH.** (2019). Species Typing of Nontuberculous Mycobacteria by Use of Deoxyribozyme Sensors. *Clin Chem.*
- Wood, H. N., Venken, T., Willems, H., Jacobs, A., Reis, A. J., Silva, P. E., Homolka S, Niemann S, **Rohde KH**, Hooyberghs, J. (2019). Molecular drug susceptibility testing and strain typing of tuberculosis by DNA hybridization. Retrieved from <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0212064>



# UCF Faculty AcCOMplishments

January – March 2019

## Presentations

- **Cendan, Juan.** Poster Presenter: “Matching vs. Non-Matching Visuals and Shape for Embodied Virtual Healthcare Agents”. IEEE Virtual Reality Conference, March 23-27, 2019, Osaka, Japan.
- **Cozart A\*, Innes-Gawn T\*, Pasarica M** - Poster: Improving volunteer experience and satisfaction at the KNIGHTS clinic - Society of Student-Run Free Clinics Conference Annual Conference – March 1-3, 2019, Kansas City, MO
- **Crate K, Sun T, Scaglioni C\*, Pasarica M** - Poster: The KNIGHTS clinic: Improving community awareness of a student-run free clinic through social medical promotion and user-friendly website revisions - Society of Student-Run Free Clinics Conference Annual Conference – March 1-3, 2019, Kansas City, MO.
- **Davey, Diane.** Speaker and panelist: “Speed Mentoring” and “Leadership Lessons Learned” (Round table). American Society of Cytopathology Annual Meeting, Washington, DC, Nov. 11, 2018.
- **Hines RB, Jiban JH, Specogna A, Vishnubhotla P, Lee E, Zhang S.** Timing of Post-Treatment Surveillance Colonoscopy in Stage I Colon Cancer and the Impact on Colon Cancer-Specific Survival. American Society of Clinical Oncology 2019 Gastrointestinal Cancers Symposium. San Francisco, CA. January 2019. *Selected for Moderated Poster Walk.*
- **Hernandez CA, Castiglioni A, Cowan M, LaRochelle J, Torre DM.** CResME: A Clinical Reasoning Mapping Exercise to promote learners' clinical reasoning development. Workshop presented at: AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting; March 30, 2019; Orlando, FL.
- **Karasik, Olga & Kerri King-Morris.** Workshop presenter, “Taking Humor Seriously in Medical Education”, SGEA Conference, March 2019, Orlando, FL
- **Kibble J, Hernandez C, Marchand L, Terescenko M, Schweitzer L, Chavez D.** Development of an Efficient Outcomes-Based Program Evaluation System. Poster presented at: AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting; March 30, 2019; Orlando, FL
- **Pasarica M, Kay D, Cameron, R.** (2019) Using active pedagogies to advance learning for lifestyle medicine: an approach for medical students. *Advances in Physiology Education*, 43:191-195, [doi:10.1152/advan.00195.2018](https://doi.org/10.1152/advan.00195.2018).
- **Pasarica M, Kay D**– Poster: Results from an innovative curriculum intervention in Family Medicine Clerkship: A misalignment between the students’ confidence and their knowledge and skills in lifestyle medicine- 2019 Society of Teachers in Family Medicine, Conference on Medical Student Education – January 31, 2019 Jacksonville, FL
- **Pasarica M, Staack K** – Lecture: A beginners guide for using technology in family medicine clerkship didactic sessions- 2019 Society of Teachers in Family Medicine, Conference on Medical Student Education – January 31, 2019, Jacksonville, FL
- **Pasarica M, Staack K** – Seminar: A beginners guide for introducing Objective Structured Clinical Examination (OSCE) into the family medicine clerkship - 2019 Society of Teachers in Family Medicine, Conference on Medical Student Education – January 31, 2019, Jacksonville, FL
- **Sairenji T, Stumbar S, Clark K, Watson KH, Bienz D, Scott S, Keyhani J, Minor S, Babb F, Pasarica M, Savi C**– Symposia: Incorporating Entrustable Professional Activities (EPA)s into Medical School Curricula- 2019 Society of Teachers in Family Medicine, Conference on Medical Student Education – January 31, 2019, Jacksonville, FL



# UCF Faculty AcCOMplishments

January – March 2019

## Presentations (Continued)

- **Singla, Dinender.** *The Role of Stem Cell-Derived Exosomes in Cardiac Remodelings*, Malaysia
- **Taliaferro L**, Doty J, Gower A, Rovito M. Violence and bullying among adolescent males: profiles of risk and protective factors. Society for Adolescent Health and Medicine Annual Meeting. Washington, DC, March 2019.
- **Taliaferro L**, Mishtal J, Acevedo M, Middleton T, Chulani V, Eisenberg M. Addressing mental health among sexual minority adolescents and young adults: a qualitative investigation. Society for Adolescent Health and Medicine Annual Meeting. Washington, DC, March 2019.
- Thompson A\*, McCann A\*, Bomar A\*, Thompson Z\*, Crate K\*, Vasavada R\*, **Pasarica M** - Poster: The KNIGHTS clinic: Improving patient contact and clinic scheduling using CareMessage - Society of Student-Run Free Clinics Conference Annual Conference – March 1-3, 2019, Kansas City, MO.
- Thompson Z\*, Martin A\*, Bala S\*, Thompson A\*, **Pasarica M** - Poster: Reducing patient wait times at KNIGHTS clinic - Society of Student-Run Free Clinics Conference Annual Conference – March 1-3, 2019, Kansas City, MO.



# UCF Faculty AcCOMplishments

January – March 2019

## Awards, Recognition, & Service

- **Banerjee P**
  - Award Recipient: Early Career Investigator Award
- **Banerjee P, Dub L, Ganti L, Walker A, & Wallen M**
  - Research accepted for presentation at the Society of Academic Emergency Medicine in Las Vegas
- **Cendan, Judith**
  - Elected as Vice President of the North American Society of Pediatric Adolescent Gynecology
  - Accepted into the Executive Leadership in Academic Medicine (ELAM) program
- **Chakrabart, Ratna**
  - R21 Grant Recipient: “Implication of a novel long noncoding RNA in therapy resistant prostate cancer with altered AR signaling”
- **Davidson, Victor**
  - R35 Grant Recipient: “Mechanisms of Catalysis and Cofactor Biosynthesis of Redox Enzymes with Unusual Cofactors”
- **Diaz Fernandez, Virmarie**
  - 3<sup>rd</sup> place for poster presentation, *Clinical dilemma: catatonia vs neuroleptic malignant syndrome*, at Florida Psychiatric Society resident poster competition
- **Fernandez-Valle, Cristina**
  - 2018-2019 COM Excellence in Research Award
- **Hernandez, Caridad**
  - Grant Recipient: Jules B. Chapman and Annie Lou Chapman Foundation Grant amount: \$220,000 To fund the Chapman Humanism in Medicine Initiative and Chapman Compassionate Care for the Homeless program.
  - Award Recipient: Outstanding Focused Inquiry & Research Experience Research Mentor Award
- **Hirumi, A & Berry, A**
  - Grounded Design for Facilitating Medical Education. Peer-reviewed workshop facilitated at the annual Southern Group on Educational Affairs (SGEA) conference on re-imaging medical education. March 29, 2019, Orlando, FL.
  - Co-Principal Investigator (January 2019-December 2019). Innovating case-based learning by integrating commercial-off-the-shelf educational resources to model an integrated whole organ curriculum. UCF College of Medicine, Department of Medical Education: Grant for \$10,000.00
- **Hitchcock, Dorilyn**
  - Award Recipient for 30 years of service
- **Kay, Denise**
  - Invited Presenter: “Paradigm Shifts in Healthcare: New Opportunities for Counselors and Other Mental Health Professionals”. 11<sup>th</sup> Annual UCF Counseling Conference, Prisms of Care: Prevention, Promotion, and Practice, Orlando, FL, January 2019
- **Leandre, France**
  - 2nd place for poster presentation, *The demographic factors, BMI and diagnosis that affects the administration of emergency treatment orders in patients in psychiatric wards*, at Florida Psychiatric Society resident poster competition





# UCF Faculty AcCOMplishments

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## Awards, Recognition, & Service (Continued)

- **Lebowitz, David**
  - New role as Program Director of the Emergency Medicine Residency Program
- **MacIntosh, Tracy**
  - New role as Associate Program Director of the Emergency Medicine Residency Program
  - Award Recipient: Community Service Award
  - Award Recipient: Community of Practice Preceptor Award
- **Nickels, Megan**
  - Recipient of the UCF Reach for the Stars Award
  - Recipient of the Marchioli Collective Impact Innovation Award
- **Pasarica, Magdalena. Co-Editor for:**
  - Society of Teachers in Family Medicine Messenger Column
  - Steering Committee for Medical Student Education- Society of Teacher in Family Medicine (2018-present)
  - Steering Committee for the Collaborative Family Medicine Online cases- Society of Teacher in Family Medicine (2018-present)
  - CME Talk, Orlando VA GrandRounds - Mentoring medical students and residents to perform quality improvement projects - March 9, 2019, Orlando, FL.
  - CME Talk, UCF Health Grandrounds– Update in guidelines and evidence for obesity management – January 25, 2019, Kissimmee, FL
- **Rosario, Javier**
  - Award Recipient: Early Career Education Award
- **Roy, Hervey**
  - NIH R21 Grant Recipient: “Novel Membrane Remodeling Systems in Actinobacteria and Their Role in Antibiotic Resistance”
- **Samsam, Mohtashem**
  - Hosted Brain Awareness Symposium at UCF main campus
  - Sponsored Central Florida Neuroscience Alliance Student Symposium
- **Vera, Ariel**
  - Award Recipient: Innovative Teacher Award
- **White, Roseanne**
  - Award Recipient for 50 years of service
- **Zervos, Antonis**
  - Award Recipient for 20 years of service

