

## 2019-2022 GRADUATE MEDICAL EDUCATION RESEARCH SUMMARY

### I. PUBLICATIONS:

#### Cardiology:

Faiza Choudhry DO, Michael Fackler DO, Mithil Patel DO, Vijay Patel DO, **Jelena Arnautovic DO** “*The Unusual Suspect: Gadobenate\_Dimeglumine Induced Kounis Syndrome*” Spartan Medical Research Journal Vol 4. Issue 1, 2019 (July)

**Dustin Harmon, Jelena Arnautovic, Jennifer Rathousky, Faiza Choudhry, Harjot Grover, Ishwer Patel, Judith Boura, Joan Crawford.** “*Readmission Risk Factors and Heart Failure with Preserved Ejection Fraction*” JAOA-2019-0323.R1

Melwin Joseph, DO; **Jelena Z. Arnautovic, DO; Srinivas Koneru, MD; Brilio Mojares, MD.** “*A Case Series of Three Patients With Late ST-Elevation Myocardial Infarction During the Covid-19 Pandemic.*” Cath Lab Digest Volume 28 - Issue 12 - December 2020

**Ip RJ, Ali A, Baloch ZQ, Al-Abcha A, Jacob C, Arnautovic J, Boumegouas M, Do S, Meka K, Wilcox M, Ip J,** “*Atrial Fibrillation as a Predictor of Mortality in High Risk COVID-19 Patients: A Multicentre Study of 171 Patients.*” Heart, Lung and Circulation (2021), doi: [https:// doi.org/10.1016/j.hlc.2021.02.010](https://doi.org/10.1016/j.hlc.2021.02.010). PMID: 33781697

#### Emergency Medicine:

T.Choi, K.Pitus, J.Boura, C.Pearson, J.Stav. “*Perceptions of the COVID-19 Vaccine Amongst Healthcare Workers in a Southeast Michigan Hospital: A Cross-sectional Survey.*” Ann Emerg Med 2021 Aug;78(2):S34-S35 PMID: PMC8335428

**Jordan Stav, J Kopp, M Ma III, F Daouk .** “*Serious C-Spine Injuries are Becoming More Common-and More Survivable*” in ACEPnow January 11, 2022

#### ENT:

**Anya Costeloe DO, Mohammad-Nadim Samad, Seilesh Babu MD, Christopher Metz DO:** “*Comparison of Tracheal vs Nasopharyngeal Secretions for SARS-CoV-2 RT-PCR Testing in Patients With Tracheostomy*” American Academy of Otolaryngology–Head and Neck Surgery Foundation 2020 DOI: 10.1177/0194599820980706 <http://otojournal.org> PMID: 33320050

**Conway RM, Tu NC, Sioshansi PC, Porps SL, Schutt CA, Hong RS, Jacob JT, Babu SC.** “*Early Outcomes of Simultaneous Translabyrinthine Resection and Cochlear Implantation.*” Laryngoscope.” 2021 Apr 14. doi: 10.1002/lary.29436. PMID: 33851722

**Conway RM, Tu NC, Pinther S, Shareef Z, Hong RS, Zappia JJ, Babu SC.** “*Audiologic Outcomes After Oval and Round Window Reinforcement Surgery.*” Otol Neurotol. Published online March 5, 2021. PMID: 33710148 doi:[10.1097/MAO.0000000000003115](https://doi.org/10.1097/MAO.0000000000003115)

**Conway RM, Sugihara EM, Lee DM, Renker J, Sioshansi PC, Babu SC.** “*Frequency-specific Electrocochleography and Traveling Wave Time as a Clinical Test for Menière’s Disease.*” Otol Neurotol. 2021;42(2):290-293. doi:[10.1097/MAO.0000000000002927](https://doi.org/10.1097/MAO.0000000000002927) PMID: 33443359

**Conway RM**, White GZ, Thottam PJ. "The burden of laryngomalacia and its effects on caregivers: A support group survey evaluation." *International Journal of Pediatric Otorhinolaryngology*. 2020;138:110368. doi:[10.1016/j.ijporl.2020.110368](https://doi.org/10.1016/j.ijporl.2020.110368) PMID: 33152962

**Conway RM**, Sioshansi PC, **Howard AL**, **Babu SC**. "Perioperative cost evaluation of canal wall down mastoidectomy." *Am J Otolaryngol*. 2020;41(6):102733. doi:[10.1016/j.amjoto.2020.102733](https://doi.org/10.1016/j.amjoto.2020.102733) PMID: 32971408

**Pang, B.**, Cox, P., Codino, J., Collum, A., Sims, J., Rubin, A. "Straw vs Cup use in Testing of Patients with Symptoms of Oropharyngeal Dysphagia." Accepted for publication in *Spartan Medical Research Journal* (2020).

Mohammed H Al-Temimi, MD, MPH, **Anya M Dyurgerova (Costeloe) DO**, Michael Kidon, DO, Samir Johna, MD "Feeding jejunostomy tubes placed during esophagectomy: is there an effect on postoperative outcomes?" 2019 *Perm J*,23. doi: 10.7812/TPP/18.210. PMID: 31496496

**Adam D Rubin**, **Juliana Codino**, **Anya Costeloe**, Michael M Johns, Austin Collum, Pasquale Bottalico. "The Effect of Unilateral Hearing Protection on Vocal Intensity With Varying Degrees of Background Noise" *JVoice* 2020 Apr 30;S0892-1997(20)30111-9. doi: 10.1016/j.jvoice.2020.03.019. Online ahead of print. PMID: 32362577

**Pinther, Steven DO**; Deeb, Robert MD; Peterson, Edward, PhD, et al. "Complications Are Rare from Middle Turbinate Resection: A prospective study." *American Journal of Rhinology and Allergy*: electronic publication July 4 2019, <https://journals.sagepub.com/doi/10.1177/1945892419860299>

**Pinther, Steven**; Codino, Juliana; Rubin, Adam. "Laryngeal burn from sweet potato: A case report and literature review". *Spartan Medical Research Journal*: electronic publication January 30 2020.

#### **Family Practice:**

#### **GI:**

Backer Abdu, Shalaka Akolkar, Christopher Picking, **Judith Boura**, Marc Piper. "Factors Associated with Delayed Paracentesis in Patients with Spontaneous Bacterial Peritonitis" December 3, 2020 *Digestive Diseases and Sciences* <https://doi.org/10.1007/s10620-020-06750-0> PMID: 33274417

Faiza Choudhry DO, **Jolian Kathawa DO**, Kelsey Kerton DO, Seina Farshadsefat DO, **Marc Piper MD MSc**. "Zieve's Syndrome Presenting with Severe Hypertriglyceridemia" *ACG Case Report Journal*/Volume 00 2019;00:1-3. Doi:10.14309/crj.00000000000000133. Published online 7/10/2019

#### **General Surgery:**

**Karin H Gunther** DO, MSE; **Joshua Smith** DO, **Judith Boura**, MS, **Andrew Sherman** DO, and **David Siegel DO FACOS, FACS** "The Use of Bedside Ultrasound for Gallstone Disease Care within a Community-based Emergency Department: A Confirmation Bias" *Spartan Med Res J*. 2021; 6(1): 18182. PMID:33869999 2021 Apr 13. doi: [10.51894/001c.18182](https://doi.org/10.51894/001c.18182)

**Karin Gunther, Carmen Lam, David Siegel.** "Superior Vena Cava Duplication: The Red Herring of Central Line Placement," Case Reports in Surgery, vol. 2019, Article ID 6401236, 3 pages, 2019

Tarik Hadid, Maribel Hernandez, **Amer Zeni**, Nitin Jain. "Pinch-off syndrome: a rare and serious complication of central venous catheters." BMJ Case Report 10.1136/bce-2019-233779 on 1-13-20  
**King, Sarah D**, Arellano R, Gordon V, Olinger A, Seib CD, Duh QY et al. "Anatomic Variations From 120 Mental Nerve Dissections: Lessons for Transoral Thyroidectomy." J Surg Res. 2020 Dec; 256:543-548.  
<https://doi.org/10.1016/j.jss.2020.07.018> PMID: 32799003

#### **Internal Medicine:**

**Faiza Choudhry DO**, Jolian Kathawa DO, **Kelsey Kerton DO**, Seina Farshadsefat DO, Marc Piper MD MSc. "Zieve's Syndrome Presenting with Severe Hypertriglyceridemia" ACG Case Report Journal/Volume 00 2019;00:1-3. Doi:10.14309/crj.00000000000000133. Published online 7/10/2019

**Faiza Choudhry DO**, Michael Fackler DO, Mithil Patel DO, Vijay Patel DO, Jelena Arnautovic DO "The Unusual Suspect: Gadobenate\_Dimeglumine Induced Kounis Syndrome" Spartan Medical Research Journal Vol 4. Issue 1, 2019 (July)

**Melwin Joseph, DO**; Jelena Z. Arnautovic, DO; Srinivas Koneru, MD; Brilio Mojares, MD. "A Case Series of Three Patients With Late ST-Elevation Myocardial Infarction During the Covid-19 Pandemic." Cath Lab Digest [Volume 28 - Issue 12 - December 2020](#)

#### **NEUROLOGY:**

##### **OMFS:**

Juliana Gomez, Samantha Dubin, Jeffrey S. Cohen. "Transmural perforation into parapharyngeal soft tissues during nasotracheal intubation: A case report" Elsevier Oral and Maxillofacial Surgery Cases <https://doi.org/10.1016/j.omsc.2021.100233> 2214-5419/© 2021

**Claude Charles LeRose, DDS MD**, **Judith Boura, MS**, **Carlos Antonio Ramirez, MD DDS** "Investigating the reliability of Fluorodeoxyglucose 18 Positive Emission Tomography-Computed Tomography Detection of Regional Lymph Node Metastasis in Head and Neck Malignancy" Journal of Oral and Maxillofacial Surgery 5/3/2020 [https://www.joms.org/article/S0278-2391\(20\)30444-4/fulltext](https://www.joms.org/article/S0278-2391(20)30444-4/fulltext)  
DOI: <https://doi.org/10.1016/j.joms.2020.04.038>

#### **OPHTHALMOLOGY:**

**Meenakshisundarm** Subramanian DO, Ryan A Shields MD, Bruce R Garrelson MD. "Topiramate-Induced Choroidal Effusions" Pictures & Perspectives I Volume 127, Issue 8, P1122, August 1, 2020. DOI:

<https://doi.org/10.1016/j.ophtha.2020.04.044>

**Cosgrove R**, Rossow T, Cosgrove M, Siegel M. "Suspected systemic uptake of chlorpromazine after retrobulbar injection." Am J Ophthalmol Case Rep. 2020;19:100801

PMID: 32637737 PMCID: [PMC7330489](https://pubmed.ncbi.nlm.nih.gov/32637737/)

**Cosgrove R, Borr M, Keil M.** “Disruption of ingrown epithelium via Nd:YAG laser or DIEYAG. A retrospective case series of Post-LASIK patients.” Am J Ophthalmol Case Rep. 2021;22:101071. PMID: 3386989 PMCID: [PMC8044645](https://pubmed.ncbi.nlm.nih.gov/3386989/)

**Sherman T, Palileo B, Adam C, Abrams G.** (2020). Dark Without Pressure in a Case of Choroidal Osteoma. Accepted for publication in *Retinal Cases and Brief Reports*.

#### **ORTHOPEDECS:**

**Benjamin Best, Alan Afsari, Rahan Sharma, James Layson, Marek Denisiuk** “Can Implementation of the Opioid Start Talking form Impact the Amount of Opioid Use in Patients After Ankle Fracture Repair?” Journal of Opioid Management Ms. No. JOM-D-20-00085R2  
PMID: 34714540 DOI: [10.5055/jom.2021.0673](https://doi.org/10.5055/jom.2021.0673)

**Matthew Coon DO, , Marek Denisiuk DO , Derrek Woodbury DO , Benjamin Best DO , Rahul Vaidya MD.** “  
*Closed Fracture Treatment in Adults, When is it Still Relevant?* Published in Spartan Medical Research Journal Vol. 7, Issue 1, 2022 <https://doi.org/10.51894/001c.28060>

**Knapp P, Layson JT, Mohammad W, Pizzimenti N, Markel DC.** “The Effects of Depression and Anxiety on 90-day Readmission Rates After Total Hip and Knee Arthroplasty.” Arthroplast Today. 2021 Aug 18;10:175-179. doi: 10.1016/j.artd.2021.06.013. PMID: 34458530; PMCID: PMC8379358.

**Layson JT, Coon MS, Sharma R, Diedring B, Afsari A, Best B.** “Comparing Postoperative Leg Length Discrepancy and Femoral Offset Using Two Different Surgical Approaches for Hemiarthroplasty of the Hip.” Spartan Med Res J. 2021 Aug 30;6(2) PMID: 34532620

**Waldron J, Denisiuk M, Sharma R, Boura J, Afsari A, Best B.** “Does Seasonal Variation in Orthopedic Trauma Volume Correlate With Adverse Hospital Events and Burnout.” Published in Injury, International Journal of the care of the Injured. Feb 28, 2022 <https://doi.org/10.1016/j.injury.2022.02.042> PMID pending

#### **UROLOGY:**

**Jacquelyn Booher , Peter Domenig , Benjamin Goldman , Todd Campbell, Kyle Verdecchia, Judith A. Boura , Paul Chuba.** “Comparison of Three Groups of Patients Having Low Dose Rate Prostate Brachytherapy: Prostate-Specific Antigen Failure and Overall Survival” Cureus 13(9) e.18185 (9/22/2021) DOI 10.7759/cureus.18185. PMID: 34707958

**Peter Domenig , Jacquelyn Booher , Benjamin Goldman , Jason Greenlee , Scott Sircus , Judith A. Boura , Paul Chuba.** (August 10, 2020) “Management of Prostate Cancer During COVID-19 Pandemic: Perspective From Urologists and Radiation Oncologists in COVID Dense Metro Detroit” Cureus 12(8) e9648 DOI: 10.7759/cureus.9648 PMID: 32923248 PMCID: [PMC7480779](https://pubmed.ncbi.nlm.nih.gov/32923248/)

**Benjamin Goldman, Michael Rudoff, Ji Qi, David Wenzler.** “Factors Affecting Robotic Partial Nephrectomy Conversion to Radical Nephrectomy: A Retrospective Multi-Institutional Analysis in the Michigan Urologic Surgery Improvement Collaborative (MUSIC)”12/17/2021 Cureus 13(12): e20477. DOI 10.7759/cureus.20477

#### **RADIATION ONCOLOGY:**

Jacquelyn Booher , Peter Domenig , Benjamin Goldman , Todd Campbell, Kyle Verdecchia, Judith

A. Boura , **Paul Chuba**. “Comparison of Three Groups of Patients Having Low Dose Rate Prostate Brachytherapy: Prostate-Specific Antigen Failure and Overall Survival” *Cureus* 13(9) e.18185 (9/22/2021) DOI 10.7759/cureus.18185. **PMID: 34707958**

Peter Domenig , Jacquelyn Booher , Benjamin Goldman , Jason Greenlee , Scott Sircus , Judith A. Boura , **Paul Chuba**. (August 10, 2020) “Management of Prostate Cancer During COVID-19 Pandemic: Perspective From Urologists and Radiation Oncologists in COVID Dense Metro Detroit” *Cureus* 12(8) e9648 DOI: 10.7759/cureus.9648 PMID: **32923248**

### **MEDICAL EDUCATION:**

Amr Abbas, **Judith Boura**. “Echocardiographic Gradients in Degenerated Surgical Aortic Valve Prosthesis: A Multi-Center Study.” *JTCVS Open (XJON257)* 7/14/2021

Backer Abdu, Shalaka Akolkar, Christopher Picking, **Judith Boura**, Marc Piper. “Factors Associated with Delayed Paracentesis in Patients with Spontaneous Bacterial Peritonitis” *Digestive Diseases and Sciences* <https://doi.org/10.1007/s10620-020-06750-0> PMID: 33274417

Bartley J, Han E, Gupta P, Gaines N, Killinger KA, **Boura JA**, Farrah M, Gilleran J, Sirls LT, Peters KM. Bartley J, et al. “Transvaginal Trigger Point Injections Improve Pain Scores in Women with Pelvic Floor Hypertonicity and Pelvic Pain Conditions.” *Female Pelvic Med Reconstr Surg*. 2019 Sep/Oct;25(5):392-396. doi: 10.1097/SPV.0000000000000581. *Female Pelvic Med Reconstr Surg*. 2019. PMID: 29621041

Jacquelyn Booher , Peter Domenig , Benjamin Goldman , Todd Campbell, Kyle Verdecchia, **Judith A. Boura** , Paul Chuba. “Comparison of Three Groups of Patients Having Low Dose Rate Prostate Brachytherapy: Prostate-Specific Antigen Failure and Overall Survival” *Cureus* 13(9) e.18185 (9/22/2021) DOI 10.7759/cureus.18185. **PMID: 34707958**

Michael J. Burla, Nashid Shinthia, **Judith A. Boura**, Lihua QU, David A. Berger. “Resuscitation Resident Impact in the Treatment of Sepsis” Published: July 18, 2020 *Cureus* 12(7): e9257. doi:10.7759/cureus.9257.PMID: 32821603

Peter Domenig , Jacquelyn Booher , Benjamin Goldman , Jason Greenlee , Scott Sircus , **Judith A. Boura** , Paul Chuba. (August 10, 2020) “Management of Prostate Cancer During COVID-19 Pandemic: Perspective From Urologists and Radiation Oncologists in COVID Dense Metro Detroit” *Cureus* 12(8) e9648 DOI: 10.7759/cureus.9648 PMID: **32923248**

Karin H Gunther DO, MSE; Joshua Smith DO, **Judith Boura MS**, Andrew Sherman DO, David Siegel DO FACOS, FACS “The Use of Bedside Ultrasound for Gallstone Disease Care within a Community-based Emergency Department: A Confirmation Bias” *Spartan Med Res J*. 2021; 6(1): 18182. PMID:33869999 2021 Apr 13. doi: [10.51894/001c.18182](https://doi.org/10.51894/001c.18182)

Dustin Harmon, Jelena Arnautovic, Jennifer Rathousky, Faiza Choudhry, Harjot Grover, Ishwer Patel, **Judith Boura**, Joan Crawford. “Readmission Risk Factors and Heart Failure with Preserved Ejection Fraction” *JAOA-2019-0323.R1*

Claude Charles LeRose, DDS MD, **Judith Boura, MS**, Carlos Antonio Ramirez, MD DDS. *“Investigating the reliability of 18 Fluorodeoxyglucose Positive Emission Tomography-Computed Tomography Detection of Regional Lymph Node Metastasis in Head and Neck Malignancy”* Journal of Oral and Maxillofacial Surgery 5/3/2020 DOI: <https://doi.org/10.1016/j.joms.2020.04.038>

Waldron J, Denisiuk M, Sharma R, **Boura J**, Afsari A, Best B. *“Does Seasonal Variation in Orthopedic Trauma Volume Correlate With Adverse Hospital Events and Burnout.”* Published in Injury, International Journal of the care of the Injured. Feb 28, 2022 <https://doi.org/10.1016/j.injury.2022.02.042> **PMID pending**

## **II. ORAL PRESENTATIONS: (POSTER PRESENTATIONS ARE NOT INCLUDED)**

### **Cardiology:**

**Jorawar Brar DO, Fares Jamal DO, Randy J Ip DO, George Yassa DO, Daniel Kim DO, Melwin Joseph DO.** *“The Role of Marijuana and Development of Cardiac Conduction Abnormalities.”* Oral presentation at Ascension Macomb-Oakland Research Day May 20, 2021

**Dustin Harmon, Jelena Arnautovic.** *“Readmission Risk Factors and Heart Failure with Preserved Ejection Fraction”.* Oral presentation at ACC Michigan 11/8/2019

**Chris Jacob, Rohit Vuppuluri, Theodore L. Schreiber.** *“METASTATIC RIGHT VENTRICULAR MASS AS STEMI MIMIC”* Case poster presentation at the National American College of Cardiology Conference 4/2022.

Also virtual poster presentation for the Michigan ACC conference (12/17/2021 published online with recorded audio/powerpoint presentation).

**Randy J Ip DO, Abbas Ali MD, Zulfiqar Qutrio Baloch MD, Abdullah Al-Abcha MD, Chris Jacob DO, Jelena Arnautovic DO, Manel Boumegouas MD, Steven Do DO, Krishna Meka DO, Matthew Wilcox DO, John Ip.** *“Atrial Fibrillation as a Predictor of Mortality in High Risk COVID-19 Patients: A Multicenter Study of 171 Patients”* First place for Oral presentation at Ascension Macomb-Oakland Research Day May 20, 2021

### **Emergency Medicine:**

**Timothy Choi DO, Judith Boura MS, Katherine Pitus DO.** *“Perceptions of the COVID-19 Vaccine Amongst Healthcare Workers in a Southeast Michigan Hospital: A Cross-sectional Survey.”* Oral presentation at Ascension Macomb-Oakland Research day May 20, 2021.. Oral presentation at national ACEP - Research Forum - Special Edition: COVID Aug 2-6, 2021.

**Megan Dougherty MD, Brandon Lee DO, Ajay Mistry DO, Candace Cooper DO, Brian Payden DO, Chris Burton, Judith Boura MS.** *Reducing Medications Included in Beer’s List That are Prescribed in the Elderly Upon Discharge from the ED.* Original Research for Ascension Macomb-Oakland Research Day 2020

**Samantha Hannosh DO, Jake Tarnowski MD, Katherine Pitus DO, Michael Clow BA, Michael Shaw PhD.** *“A Demographic Study of SARS-CoV-2 in Six Ascension Southeastern Michigan Hospital Emergency Departments.”* Oral presentation at AMOH Research May 20, 2021

**Brentwood Oftedal MD, Duane Corsi DO.** “*Cutaneous manifestations of disseminated gonococcal (DG) infection*”. Oral presentation at SCS research day 2/2021 which took 2<sup>nd</sup> place. Poster at Ascension Macomb-Oakland Research day May 20, 2021.

**Yvette Ross MD, Daniel Gadzinski MD.** “*A Case study of Encephalopathy caused by Lithium Toxicity.*” Oral presentation at SCS research day 2/2021 and Poster at Ascension Macomb-Oakland Research day May 20, 2021.

**Jordan Stav MD, Thomas Kopp MD.** “*Early recognition and treatment of traumatic Atlanto-occipital dissociation with positive early outcome.*” Oral presentation at SCS research day 2/2021 which took first place for oral. A poster at Ascension Macomb-Oakland Research day May 20, 2021.

### **ENT (Otolaryngology):**

**Robert M. Conway DO;** Nathan Tu MD; Pedrom Sioshansi MD; Sandra L. Porps AuD; Christopher A. Schutt MD; Robert S. Hong MD PhD; **Seilesh C. Babu MD.** “*Audiologic Outcomes of Simultaneous Translabyrinthine Resection and Cochlear Implantation.*” Second place for Oral presentation at AMOH Research May 20, 2021

**Adam D. Rubin, Juliana Codino, Anya Costeloe, Michael Johns, Austin Collum, Pasquale Bottalico.** “*The Effect of Unilateral Hearing Protection on Vocal Intensity with Varying Degrees of Background Noise*” Original Research for Ascension Macomb-Oakland Research Day 2020

**Anya Costeloe DO, Suzanne Forman DO, Michael Haupt DO, David Madgy DO, Prasad John Thottam DO.** “*Efficacy of drug induced sleep endoscopy and targeted sleep surgery for pediatric obstructive sleep apnea*” Original Research for Ascension Macomb-Oakland Research Day 2020. Accepted for podium presentation at AAO-HNSF Annual Meeting 9/2020

**Anya Costeloe DO, Prasad John Thottam DO.** “*The effects of untreated reflux on the incidence of feeding difficulty in the NICU population*” Original Research for Ascension Macomb-Oakland Research Day 2020

**Anya Costeloe DO, Robert Conway DO, Kylie Smith, Seilesh Babu, MD.** “*Prospective, single-blinded pilot study on the use of medical grade honey in the prevention of bone anchored hearing aid associated skin breakdown*” Original Research for Ascension Macomb-Oakland Research Day 2020

**Costeloe A., Thottam P.** *The use of acid suppression medications to treat reflux in the NICU and its effect on feeding in neonates.* Podium presentation at AAO-HNSF Annual Meeting 9/23/2019

**Anya Costeloe DO, Nathan Tu MD, Pedrom C. Sioshansi MD, Swilesh Babu MD.** “*Educational Benefit of the 3D Exoscope versus Operating Microscope in Otologic Surgery.*” Podium Presentation at AAO-HNSF 2021 Annual Meeting LA, CXA 10-3-2021

Codino J., **Costeloe A., Bottalico P., Rubin A.** *The effect of unilateral hearing protection on vocal intensity with varying degrees of background noise.* Podium presentation at The Voice Conference. May 2019

### **Family Medicine:**

Karin H. Gunther DO MSE, Kathleen Collins DO, Christian Przeslawsk, Judith Boura MS, Michael Samborn, Sreevidya Bodepudi, Danielle Katz, **Rachel Nixon DO**, Gary R. Katz DO. *"Osteopathic Manipulative Therapy as an Adjunct to Postoperative Pain Control for Bariatric Gastric Bypass Patients: A Single Institution Retrospective Study."* Third place for Oral presentation at AMOH Research May 20, 2021

### **Gastroenterology:**

#### **General Surgery:**

**Karin Gunther, David Siegel.** *"The Use of Bedside Ultrasound on Gallstone Disease Care Within the Emergency Department at a Community Hospital: A Definite Bias"*. Oral and poster presentation at 2020 Michigan Osteopathic Association Autumn Scientific Research Exhibit Competition 10/31/2020

**Karin H. Gunther DO MSE, Kathleen Collins DO, Christian Przeslawsk, Judith Boura MS, Michael Samborn, Sreevidya Bodepudi, Danielle Katz, Rachel Nixon DO, Gary R. Katz DO.** *"Osteopathic Manipulative Therapy as an Adjunct to Postoperative Pain Control for Bariatric Gastric Bypass Patients: A Single Institution Retrospective Study."* Third place for an Oral presentation at AMOH Research May 20, 2021. Was awarded the 4th place award, in the 2021 Robert C. Erwin Literary Awards competition sponsored by the ACOS (American College of Osteopathic Surgeons) Trust Fund. It was presented at ACOS 2021 August 31, 2021.

**Jane Ohde, Neil Kleman, Rachel Cohen, Dr. Siegel, Dr. Martin.** *"Symptomatic Esophageal Duplication Cyst in a 65 year-old man"* Oral presentation and poster at 2020 Annual Clinical Assembly of Osteopathic Surgeons - A Virtual Assembly. 10/20/2020

**Vicki Sharma DO, Steve Vang DO, Sachinder Hans MD.** *"Strategy of selective shunting for patients undergoing carotid endarterectomy with recent minor to moderate stroke."* Original Research for Ascension Macomb-Oakland Research Day 2020. Podium presentation 77<sup>th</sup> annual central surgical association June 5, 2020.

Joshua Smith, **Karin Gunther DO, Andrew Sherman, Jane Ohde DO, Judith Boura MS, David Siegel DO** *"The Cost of Visiting a Community Hospital Emergency Room for Gallbladder and Gallbladder-related Disease at Night"* Original Research for Ascension Macomb-Oakland Research Day 2020

### **Internal Medicine:**

**Rani Kattoula DO.** *"Broken In: Understanding the means to the end"* Oral presentation at ACP, Grand Rapids, MI 10/10/2019

### **Neurology:**

#### **OBGYN:**

**Emily Broomell DO, Ava Peera, Patrick Woodman DO.** *"Retrospective Study: What are the ethnic differences in length of labor and perinatal outcomes?"* Original Research for Ascension Macomb-Oakland Research Day 2020

**Emily Broomell, Ava Peera.** Ascension Macomb-Oakland, “An Investigation of Ethnic and Racial Differences in Lengths of Labor and Perinatal Outcomes.” Oral presentation at SCS 2021 SA Poster day 5/25/2021. She took 3<sup>rd</sup> place.

#### **OMFS:**

**Kevin Huang DDS, Carlos Ramirez MD, DDS.** “What factors influence the quality of life in head and neck cancer patients?” Original Research for Ascension Macomb-Oakland Research Day 2020

**Matthew Cannavo DMD MD, Carlos Ramirez MD DDS, Alba Sanjuan MD, Judith Boura MS, Tammy Cass FNP-BC.** “Modified Quality of Life Survey Regarding Transcervical Styloidectomy for Eagle Syndrome” Original Research for Ascension Macomb-Oakland Research Day 2020

**Kevin Huang** “What predictors reduce quality of life in head and neck cancer patients?” Oral presentation Nashville, TN 9/30/2021

#### **Ophthalmology:**

#### **Orthopedic Surgery:**

**Ivan Bandovic DO, Benjamin Diedring, DO, Paul Knapp, DO Katherine Druskovich MD, Alan Afsari MD, Benjamin Best DO.** “Does a difference in hospital admitting service affect rates of proper thromboembolic prophylaxis in hip fracture patients? An investigation at a Level 1 trauma center. ” .” Oral presentation at AMOH research day 5/20/2021. Oral presentation at Michigan Orthopaedic Society Annual Scientific Meeting on Mackinac Island Aug 27 and 28-, 2021. Their research placed **first** out of over 50 podium presentations from University of Michigan, Beaumont, Henry Ford, Spectrum, DMC and McLaren orthopaedic residency programs.

**Allison Blumenthal DO MS, Therese Bou-akl MD PHD, Mario Rossi BS, Bin Wu MD, Wei-Ping Ren MD PhD, David Markel MD.** “Comparison of Bacterial Adherence Between High-Tensile Strength Suture Wire and Suture Tape Using a Murine Air Pouch Wound Model . Second place prize for Original Research for Ascension Macomb-Oakland Research Day 2020

**Benjamin Best DO, Alan Afsari MD, Rajan Sharma DO, James T. Layson DO, Marek Denisiuk DO.** “Can Implementation of the Opioid Start Talking form Impact the Amount of Opioid Use in Patients After Ankle Fracture Repair?”

**Marek Denisiuk, Jacob Waldron, Adam Fahs, Rajan Sharma, Alan Afsari, Benjamin Best.** “Implications of seasonal variations in orthopedic trauma volume” Oral presentation at Michigan Orthopaedic Society Conference 8/28/2021 on Mackinac Island, MI. National Poster Presentation – American Osteopathic Academy of Orthopedics, Louisville, KY, October 2021

**Denisiuk, M, Goethals, J, Washington, A, Bray, R, Nasr, K, Vaidya, R,** “Technique for Correction of Acute Malrotation of Femoral Fractures after Intramedullary Nailing”. Podium presentation at Michigan Orthopaedic Society, Mackinac Island, MI August 2021.

Knapp P, Layson JT, Mohammed W, Pizzimenti N, Markel DC. "The Effects of Depression and Anxiety on 90-day Readmission Rates after Total Hip and Knee Arthroplast." Paper Presentation AAOS – San Diego, CA, August 2021.

**Layson JT, Markel DC, Hughes R, Chubb H, Frisch NB.** "MARCQI's Pain-Control Optimization Pathway (POP): Impact of Registry Data and Education on Opioid Utilization" Podium presentation at Michigan Orthopaedic Society Conference 8/29/2021

**Coon M, Jackson M, Denisiuk M, Afsari A, Best B.** "Functional Outcomes after Anterolateral Acromial Approach for Open Reduction Internal Fixation of Proximal Humerus Fractures." Podium presentation at Michigan Orthopaedic Society, Mackinac Island, MI. August 2021.

**Paul Knapp DO, James T. Layson DO, Waleed Mohammad MD, David C. Markel MD, Natalie Pizzimenti MS** "The Effects of Depression and Anxiety on 90-day Readmission Rates after Total Hip and Knee Arthroplasty? First place prize for Original Research for Ascension Macomb-Oakland Research Day 2020

**Paul Knapp.** "Assessment of Numerous Risk Factors for Manipulation Under Anesthesia after Total Knee Arthroplasty". Oral presentation at International Society for Technology in Arthroplasty 10/4/2019

**Paul Knapp DO, Ross Doehrmann DO, Sanar Yokhana MD, Syed Rizvi, Judith Boura, MS, David Knesek DO.** "Incidence of Heterotopic Ossification in Direct Anterior Approach to Total Hip Arthroplasty with use of Aspirin as Thromboembolic Prophylaxis" Original Research for Ascension Macomb-Oakland Research Day 2020.

### **Podiatry**

### **Radiation Oncology:**

### **Urology:**

**Elizabeth Boes, DO, Kirk Wojno, MD, Patrick Keating, Patrick Hurley, MD, Tracie Hamilton, LPN, Howard Korman, MD, David Wenzler, MD.** "Impact of Prolaris® Testing on Decision Making for Gleason 3+3=6 Prostate Cancer". Poster presentation at ACOS 10/19/2019. Oral presentation Ascension Macomb-Oakland research day 2019.

**Justyn Blankenship DO, Connor Ray, Elizabeth Boes DO, Jeffrey O'Connor MD, Patrick Hurley MD, Raymond Winfield MD, Benjamin Johnson MD, Judith Boura MS, Todd Campbell MD, David Wenzler MD.** "Evaluation of Opioid Prescribing for Uretroscopic Stone Procedures Before and After the New Michigan Automated Prescription System Requirements" Third place for Original Research for Ascension Macomb-Oakland Research Day 2020

### **Medical Students:**

Emily Broomell DO, **Ava Peera,** Patrick Woodman DO. "Retrospective Study: What are the ethnic differences in length of labor and perinatal outcomes?" Original Research for Ascension Macomb-Oakland Research Day 2020

**Joshua Smith**, Karin Gunther DO, Andrew Sherman, Jane Ohde DO, Judith Boura MS, David Siegel DO” *The Cost of Visiting a Community Hospital Emergency Room for Gallbladder and Gallbladder-related Disease at Night*” Original Research for Ascension Macomb-Oakland Research Day 2020

Megan Dougherty MD, Brandon Lee DO, Ajay Mistry DO, Candace Cooper DO, Brian Payden DO, **Chris Burton**, Judith Boura MS. *Reducing Medications Included in Beer’s List That are Prescribed in the Elderly Upon Discharge from the ED*. Original Research for Ascension Macomb-Oakland Research Day 2020

### **MEDICAL EDUCATION:**

**Judith Boura**, MS. Oral presentation on Project Feasibility at MSU OB/GYN Research Forum for residents 8/5/2021 and 23/2022

**Judith Boura, MS** “Creating a Spirit of Inquiry at your Reginal Site.” Oral presentation at ATSU (KCOM) Annual Reginal Development Conference and Virtual Open House. 9/30/2021

Justyn Blankenship DO, Connor Ray, Elizabeth Boes DO, Jeffrey O’Connor MD, Patrick Hurley MD, Raymond Winfield MD, Benjamin Johnson MD, **Judith Boura MS**, Todd Campbell MD, David Wenzler MD. “*Evaluation of Opioid Prescribing for Uretroscopic Stone Procedures Before and After the New Michigan Automated Prescription System Requirements*” Third place for Original Research for Ascension Macomb-Oakland Research Day 2020

Matthew Cannavo DMD MD, Carlos Ramirez MD DDS, Alba Sanjuan MD, **Judith Boura MS**, Tammy Cass FNP-BC. “*Modified Quality of Life Survey Regarding Transcervical Styloidectomy for Eagle Syndrome*” Original Research for Ascension Macomb-Oakland Research Day 2020

Timothy Choi DO, **Judith Boura MS**, Katherine Pitus DO. “*Perceptions of the COVID-19 Vaccine Amongst Healthcare Workers in a Southeast Michigan Hospital: A Cross-sectional Survey.*” Oral presentation at Ascension Macomb-Oakland Research day May 20, 2021.

Megan Dougherty MD, Brandon Lee DO, Ajay Mistry DO, Candace Cooper DO, Brian Payden DO, Chris Burton, **Judith Boura MS**. *Reducing Medications Included in Beer’s List That are Prescribed in the Elderly Upon Discharge from the ED*. Original Research for Ascension Macomb-Oakland Research Day 2020

Karin H. Gunther DO MSE, Kathleen Collins DO, Christian Przeslawsk, **Judith Boura MS**, Michael Samborn, Sreevidya Bodepudi, Danielle Katz, Rachel Nixon DO, Gary R. Katz DO. “*Osteopathic Manipulative Therapy as an Adjunct to Postoperative Pain Control for Bariatric Gastric Bypass Patients: A Single Institution Retrospective Study.*” Oral presentation at AMOH Research May 20, 2021

Samantha Hannosh DO, Jake Tarnowski MD, Katherine Pitus DO, Michael Clow BA, **Michael Shaw PhD**. “*A Demographic Study of SARS-CoV-2 in Six Ascension Southeastern Michigan Hospital Emergency Departments.*” Oral presentation at AMOH Research May 20, 2021

Paul Knapp DO, Ross Doehrmann DO, Sanar Yokhana MD, Syed Rizvi, **Judith Boura, MS**, David Knesek DO. “*Incidence of Heterotopic Ossification in Direct Anterior Approach to Total Hip Arthroplasty with use of Aspirin as Thromboembolic Prophylaxis*” Original Research for Ascension Macomb-Oakland Research Day 2020

Ryan Adkins DO, Gregory Byrd DO, Rani Kattoula DO, **Deanna Ingrassia**, Aye Thet MD, Daniel Paling MD, Benjamin Collins-Hamel, DO. *“Acute Atraumatic Enophthalmos”* Case Report for Ascension Macomb-Oakland Research Day 2020

Joshua Smith, Karin Gunther DO, Andrew Sherman, Jane Ohde DO, **Judith Boura MS**, David Siegel DO” *The Cost of Visiting a Community Hospital Emergency Room for Gallbladder and Gallbladder-related Disease at Night” Original Research* for Ascension Macomb-Oakland Research Day 2020