

## ZOEY CHOPRA

Ann Arbor, MI | +1(650) 862-9223 | zchopra@umich.edu | [zoeychopra.com](http://zoeychopra.com)

### EDUCATION

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- 2020 – Present**      **Ph.D. Candidate in Economics — University of Michigan, Ann Arbor, MI**  
Fields: Behavioral/Experimental; Industrial Organization; Microeconomic Theory; Labor.
- 2018 – Present**      **M.D. Candidate — University of Michigan Medical School, Ann Arbor, MI**  
Awarded National Institute of Health T32 Medical Scientist Training Program grant for stipend and tuition.
- 2020 – 2022**      **Masters of Arts (M.A.) — University of Michigan, Ann Arbor, MI**  
Embedded Masters in Economics.
- 2014 – 2018**      **Bachelor of Arts (B.A.) with Honors — Columbia University, New York, NY**  
Double Major in Economics-Mathematics and Biochemistry; Concentration in Classics.

### HONORS & AWARDS

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- 2022**      **BOLD Grant Recipient — University of Michigan, Ann Arbor, MI**  
Pipeline grant program awarded to innovative research that addresses large-scale societal challenges.
- 2020**      **Professionalism Commendation — University of Michigan Medical School, Ann Arbor, MI**  
Awarded by Deans for community contributions during COVID-19 pandemic.
- 2019 – Present**      **Telluride Scholar — Michigan Branch of Telluride Association, Ann Arbor, MI**  
Merit-based residential scholarship committed to self-governance, intellectual inquiry, and public service.
- 2014 – 2018**      **Columbia University, New York, NY**  
John Jay Scholar; National Residence Hall Honorary; Dean's List; Parker Prize for Summer Research.

### SELECT PAPERS

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*Full list of publications below*

- **Chopra Z, et al.** [Bundled Payments for Care Improvement \(BPCI\) across Three Common Operations](#). *Annals of Surgery* (2021).
- Yu J, Green M, Li S, Sun Y, Journey S, Choi J, Rizvi S, Qin A, Waninger J, Lang X, **Chopra Z, et al.** [Liver metastasis restrains immunotherapy efficacy via macrophage-mediated T-cell elimination](#). *Nature Medicine* (2021).
- **Chopra Z, Ho B.** Tic-Tac-Toe of Screening: Effects of Uncertainty on Intertemporal, Intrapersonal Decisions. Work in progress.
- **Chopra Z, Orhun AY.** Community Externalities from Local COVID-19 Policies. Work in progress.

### SKILLS

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**Software:** STATA; R; Python; MATLAB; SQL; Ethovision; Excel; Epic.

**Econometrics/Theory:** Causal inference (Experiments, IV, DiD, RDD); Structural estimation; Game theory; Mechanism design.

**ML Methods:** Word vectorization algorithms; Variable selection algorithms; Classification algorithms; Non-parametric estimation.

**Languages:** 7 years of Latin; 2 years of Japanese; 1 year of French; 1 year of Attic Greek; Comprehensive Fluency in Hindi.

### ECONOMICS RESEARCH

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*Organized by field*

- 2021 – Present**      **Industrial Organization**  
Economist Intern at Amazon.com, Inc. Using structural modeling techniques for demand estimation in the People eXperience Technology Central Science (PXTCS) team, focusing on health benefits.  
*with Ben Handel (U.C. Berkeley) and Bob Town (U.T. Austin), 6/2022 – Present*
- Modeling M&A landscape for pharmaceuticals and medical devices.  
*with Eric Parolin (University of Michigan), 1/2022 – Present*

Modeling two-sided market for dialysis facilities to understand demand for ESRD incentive programs.  
with Andy Ryan (Brown University), 12/2021 – Present

Built web scrapers to collect algorithmically updated product information to empirically test models of competition among retail firms with varying pricing algorithm technologies.  
with Zach Brown (University of Michigan), 5/2021 – 3/2022

**2017 – Present****Labor / Health Economics**

Exploring effects of health accumulation on marriage markets, separate from income and education.  
with Eric Parolin (University of Michigan), 5/2022 – Present

Investigating the causal mechanisms underlying assortative matching on education.  
with Soyoung Han (University of Michigan), 3/2022 – Present

Explored relationships across demographic variables, income profiles, and mortality statistics.  
with Sarah Miller (University of Michigan), 9/2018 – 9/2019

Developed econometric, value-based drug pricing models.  
Summer Investment Analyst at Brown Advisory (New York, NY), 6/2017 – 9/2017

Modeled efficacy of scientific research uptake via bibliometric regression analysis (**Honors Thesis project**).  
with Frank Lichtenberg (Columbia University), 1/2017 – 5/2018

**2017 – Present****Information / Behavioral / Experimental Economics**

Experimenting with information interventions to curtail discriminatory hiring practices.  
with Ashley Craig (University of Michigan) & Hyunjin Kim (INSEAD), 3/2022 – Present

Developing model to explain temporal changes in beliefs about risk within a motivated reasoning framework.  
with Yeşim Orhun (University of Michigan), 9/2021 – Present

Modeling different roles played by heuristics in decision-making, tested within the healthcare domain.  
with Yeşim Orhun & Jeffrey Kullgren (University of Michigan), 9/2021 – Present

Explored how information about artists drove bubbles from financial speculation in art markets.  
with Julien Penasse (Univ. of Luxembourg) and José Scheinkman (Columbia University), 1/2018 – 12/2018

Investigating models of procrastination and anticipation to explain health information avoidance.  
with Benjamin Ho (Vassar College), 9/2017 – Present

**2016 – 2018****Political Economy**

Modeled political attacks as truels (Kilgour 1971) in the 2016 Republican presidential primary debates.  
with Andrew Schotter (New York University), 6/2017 – 12/2017

Modeled effects of mandatory retirement ages upon historical state Supreme Court decisions. Analyzed state-level medical malpractice reform. Explored role of cultural dimensions in political economy frameworks.  
with Elliott Ash (ETH Zurich), 5/2016 – 12/2018

Ascertained historical real-estate pricing differentials for New York City to explore drivers of urbanization.  
with Donald Davis (Columbia University) and Sun Lee (Yale University), 1/2016 – 8/2016

**2017 – 2018****Research Assistant — *Myth of the Entrepreneur: A Search for True Value*, London, UK**

Co-wrote book with students/scholars/entrepreneurs globally, about social responsibility of wealth-creators.  
with Ravi Kailas (Mytrah), Cathy Guo, Aiden Slavin, Yaniv Kleinman, and Joe McGee, 5/2017 – 5/2018

**POLICY RESEARCH***Organized by topic***2022 – Present****Reproductive Healthcare**

Investigating long-term implications of abortion clinic closures in local communities.  
with *Vanessa Dalton & Yeşim Orhun (University of Michigan), 6/2022 – Present*

Determining how current coverage for cervical cancer screenings influences patient uptake.  
with *Vanessa Dalton & Mark Fendrick (University of Michigan), 3/2022 – Present*

**2020 – Present****COVID-19**

Employing triple differences design to causally determine health externalities of local COVID-19 policies.  
with *Yeşim Orhun (University of Michigan), 9/2021 – Present*

Investigated clinical predictors of health outcomes for the COVID-19 patient population.  
with *Frederick Korley (University of Michigan), 4/2020 – 10/2020*

Simulated and tested safety and efficacy of drug cocktails for the COVID-19 patient population.  
with *Jonathan Sexton (University of Michigan), 5/2020 – 4/2021*

**2019 – Present****Payment Reform**

Exploring prescription patterns in the context of pharmaceutical payments to providers for pulmonary drugs.  
with *Colin Holtze & Parth Modi (University of Michigan), 1/2020 – Present*

Investigated institutional responses to federal price transparency policies (e.g., CMS-1694-F) with focus on CMS-defined “shoppable services.” Currently exploring “shoppability” of these “shoppable services.”  
with *Jeffrey Kullgren & Nicholas Berlin (University of Michigan), 11/2019 – Present*

Used synthetic difference-in-differences to determine efficacy of voluntary bundled payment programs.  
with *Andrew Ryan (University of Michigan), 5/2019 – 8/2021*

**MEDICAL RESEARCH***Organized by topic***2018 – Present****Cancer Diagnostics and Therapeutics**

Investigated efficacy of immunotherapy in tandem with traditional therapies.  
with *Michael Green (University of Michigan), 4/2019 – 4/2021*

Determining efficacy of novel biomarkers in prostate cancer detection.  
with *Arul Chinnaiyan (University of Michigan), 11/2018 – Present*

**2018 – Present****Other Clinical Research**

Worked with several clinical departments, including Neurosurgery, Urology, Trauma Surgery, Otorhinolaryngology, Cardiology, and Critical Care, on a variety of research projects, from predictive modeling to health services and health outcomes research to device development.

**REFERENCES****Prof. Yeşim Orhun**

Ross School of Business  
Marketing  
701 Tappan Ave.  
Ann Arbor, MI 48109  
[aorhun@umich.edu](mailto:aorhun@umich.edu)

**Prof. Zach Y. Brown**

University of Michigan  
Economics  
611 Tappan Ave.  
Ann Arbor, MI 48109  
[zachb@umich.edu](mailto:zachb@umich.edu)

**Prof. Benjamin Ho**

Vassar College  
Economics  
124 Raymond Ave.  
Poughkeepsie, NY 12604  
[beho@vassar.edu](mailto:beho@vassar.edu)

**Prof. Ashley C. Craig**

University of Michigan  
Economics  
611 Tappan Ave.  
Ann Arbor, MI 48109  
[ashcraig@umich.edu](mailto:ashcraig@umich.edu)

**COMMUNITY LEADERSHIP**

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<b>Jan 2021 – Present</b>	<b>Student Advisory Board — University of Michigan Museum of Art (UMMA), Ann Arbor, MI</b> Leading student initiatives for community engagement at the museum.
<b>Oct 2020 – Present</b>	<b>Senate Advisory Committee on University Affairs (SACUA) — University of Michigan, Ann Arbor, MI</b> Representing graduate students within university Research Advisory and Academic Affairs Committees.
<b>Apr 2020 – June 2020</b>	<b>COVID-19 Response — Michigan Medicine, Ann Arbor, MI</b> Organized personal protective equipment (PPE) paging system for providers to request PPE efficiently. Advocated for and implemented student initiatives in COVID-19 response, e.g., scribing. Instituted student-faculty research matching program to encourage COVID-19 research.
<b>Jan 2019 – Sep 2019</b>	<b>Vice President — American Medical Association (AMA) Chapter, University of Michigan</b> Led chapter in writing national and state-specific resolutions. Organized chapter meetings.
<b>Mar 2021 – Mar 2022</b> Nov 2018 – Mar 2021	<b>Co-Chair — Learning Environment Task Force</b> Working to encourage greater transparency between administration and student body via curricular initiatives.
<b>Sep 2018 – Present</b>	<b>Free Clinic — Hope Clinic, Ypsilanti, MI</b> Performing free ophthalmic exams for underserved population of the Hope Clinic.
<b>Sep 2015 – May 2018</b>	<b>President — UNICEF Chapter, Columbia University</b> Led chapter in fundraising and awareness campaigns towards children's rights in health and education.

**TEACHING & MENTORSHIP EXPERIENCE**

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<b>Sep 2021 – Dec 2021</b>	<b>Graduate Student Instructor — University of Michigan</b> Taught weekly sections for ~60 students and grading for ~500 students for <i>Principles of Economics I</i> course.
<b>Aug 2020 – Present</b>	<b>Graduate Student Mentor — University of Michigan</b> Mentoring first-year economics doctoral students and medical students.
<b>May 2020 – Present</b>	<b>Research Mentor — Lumiere Education</b> Mentoring international high school and college students towards original research in behavioral economics.
<b>Apr 2020</b>	<b>Pandemic Curriculum Lead — University of Michigan Medical School</b> Led efforts to create medical school curriculum addressing pandemic medicine. Chapters of focus included triage and allocation strategies and ventilator response strategies.
<b>Feb 2019 – Present</b> Nov 2018 – Feb 2019	<b>Editor — Michigan Journal of Medicine (MJM)</b> <b>Reviewer — Michigan Journal of Medicine (MJM)</b> Leading review team for journal submissions for scientific/clinical research within University of Michigan.
<b>Feb 2016 – May 2018</b>	<b>Seminar Leader — Symposium, Mugi, Japan</b> Created and taught <i>Philosophy of Economics</i> course to aspiring, local high school students.
<b>Jan 2016 – May 2018</b>	<b>Teaching Assistant (TA) — Calculus, Chemistry, and Psychology, Columbia University</b> Designed curricula. Held office hours and review sessions. Graded problem sets. Mentored students.

**INTERESTS & HOBBIES**

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Tennis; Squash; Skiing; Skateboarding; Spikeball.  
Crossword puzzles; Musicals; Trivia; Bullet chess; Bubble tea.

## GRANTS

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Bold Challenges Team Formation — University of Michigan  
 Co-Investigator (Principal Investigator: Jeffrey Todd Kullgren)  
 04/2022 – 08/2022. \$25,000

## POLICY RESOLUTIONS

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- **Michigan House Bill 06549'20:** Amends state of Michigan's "Emergency Management Act" (1976 PA 390) section 11 (MCL 30.411) to afford greater legal protections to healthcare providers in times of crisis (2020).
- **Michigan State Medical Society:** Supports Medicare Prescription Drug Price Negotiation Act (H.R. 275) at state level (2020).
- **Michigan State Medical Society:** Supports CMS in developing new payment and service models for drug price negotiations (2020).
- **Michigan State Medical Society:** Demands mandatory tele-CPR training for 9-1-1 dispatchers to address cardiac arrests (2020).

## PUBLICATIONS

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\* denotes equal contribution

- Lawton EJ, **Chopra Z**, Kullgren JT, Ryan AM, Berlin NL. Financial Incentives for Patients to Shop for Healthcare Differ Widely by Service Type and Volume. In preparation.
- Tosoian JJ\*, Sessine MS\*, Trock BJ, Ross AE, Xie C, Zheng Y, Samora NL, Siddiqui J, Niknafs Y, **Chopra Z**, Tomlins S, Kunju LP, Palapattu GS, Morgan TM, Wei JT, Salami SS, Chinnaiyan AS. MyProstateScore in Men Considering Repeat Biopsy: Validation of a Simple Testing Approach. In submission to *Prostate Cancer and Prostatic Diseases*.
- Saadeh YS, **Chopra Z**, Olsen E, Smith BW, Kashlan ON, Yang LJS, Park P. Optimal Timing of Referral for Nerve Transfer Surgery for Postoperative C5 Palsy. *Journal of Neurosurgery: Spine* 2022; 1:1-6. <https://doi.org/10.3171/2022.3.SPINE2222>
- Hadi M, Saadeh YS, Strong MJ, **Chopra Z**, Kashlan O, Park P. Commentary: Posterior Cervical Decompression and Fusion with Exoscope: 2-Dimensional Operative Video. *Operative Neurosurgery* 2022; 22(3): e142-e144. <https://doi.org/10.1227/ONS.0000000000000085>
- Saadeh YS, Smith E, Bilowus JM, Linzey JR, **Chopra Z**, Park P. Intrathecal Medication from Pain Pump Caused Prolonged Alteration in Mental Status following Decompression of Severe Spinal Stenosis. *Cureus* 2022; 14(4): e24180. <https://doi.org/10.7759/cureus.24180>
- Zhu A, Andino J, Daignault-Newton S, **Chopra Z**, Sarma A, Dupree JM. What is a Normal Testosterone Level for Young Men? Rethinking the 300ng/dL Cutoff for Testosterone Deficiency in Men 20-44 Years Old. R&R at *Journal of Urology*.
- Berlin NL, **Chopra Z**, Bryant A, Agius J, Singh SR, Chhabra KR, Schulz P, West BT, Ryan AM, Kullgren JT. Individualized Out-Of-Pocket Price Estimators for "Shoppable" Surgical Procedures: A Nationwide Cross-Sectional Study of U.S. Hospitals. *Annals of Surgery Open* 2022; 3(2): e162. <https://doi.org/10.1097/AS9.0000000000000162>
- Holste KG, **Chopra Z**, Saleh S, Saadeh, YS, Garton HJL, Maher CO. The Use of Big Data for Improving Understanding of the Natural History of Neurosurgical Disease. *Journal of Neurosurgery: Neurosurgical Focus* 2022; 52(4): E2. <https://doi.org/10.3171/2022.1.FOCUS21712>
- Tosoian JT, Singhal U, Davenport MS, Wei JT, Montgomery JS, George AK, Salami SS, Mukundi SG, Siddiqui J, Kunju LP, Tooke BP, Ryder Y, Dugan SP, **Chopra Z**, Botbyl R, Feng Y, Sessine MS, Eyrich NW, Ross AE, Trock BJ, Tomlins SA, Palapattu GS, Chinnaiyan AM, Niknafs YS, Morgan TM. Urinary MyProstateScore (MPS) to Rule Out Clinically-Significant Cancer in Men with Equivocal (PI-RADS 3) Multiparametric MRI: Addressing an Unmet Clinical Need. *Urology* 2022; 164: 184-190. <https://doi.org/10.1016/j.urology.2021.11.033>
- Berlin NL, Peterson TA, **Chopra Z**, Gulseren B, Ryan AM. Hospital Participation Decisions in Medicare Bundled Payment Program Were Influenced by Third-Party Conveners. *Health Affairs* 2021; 40(8): 1286-1293. <https://doi.org/10.1377/hlthaff.2020.01766>
- Solano QP, Hayward L, **Chopra Z**, Quanstrom K, Kendrick D, Abbott K, Kunzmann M, Ahle S, Schuller M, Ötleş E, George BC. Natural Language Processing and Assessment of Resident Feedback Quality. *Journal of Surgical Education* 2021; 78(6): e72-e77. <https://doi.org/10.1016/j.jsurg.2021.05.012>

- Andino JJ, Zhu A, **Chopra Z**, Daignault-Newton S, Ellimoottil C, Dupree JM. Video Visits are Practical for the Follow-up and Management of Male Infertility Patients. *Urology* 2021; 154: 158-163. <https://doi.org/10.1016/j.urology.2021.03.050>
- **Chopra Z**, Gulseren B, Chhabra KR, Dimick JB, Ryan AM. Bundled Payments for Care Improvement across Three Common Operations. *Annals of Surgery* 2021. <https://doi.org/10.1097/SLA.0000000000004869>
- Waninger JJ, Ma V, Journey S, Skvarce J, **Chopra Z**, Tezel A, Bryant AK, Mayo C, Sun Y, Ramnath N, Lao C, Fecher L, Alva A, Green MD. Validation of the AJCC 8th edition staging of metastatic cutaneous melanoma in patients treated with immune checkpoint inhibitors. *JAMA Network Open* 2021; 4(3): e210980. <https://doi.org/10.1001/jamanetworkopen.2021.0980>
- Rodney JP, Shinn JR, Amin SN, Portney DS, Mitchell MB, **Chopra Z**, Rees AB, Kupfer RA, Hogikyan ND, Casper KA, Tate A, Vinson KN, Fletcher KC, Gelbard A, St. Jacques PJ, Higgins MS, Morrison RJ, Garrett CG. Multi-institutional analysis of outcomes in supraglottic jet ventilation with a team-based approach. *The Laryngoscope* 2021; 00: 1-6. <https://doi.org/10.1002/lary.29431>
- Cher BAY\*, **Chopra Z\***, Collier KM. An early invasive strategy is not superior to medical management alone in patients with moderate-to-severe stable ischemic heart disease. *Journal of General Internal Medicine* 2021; 36: 1844-1846. <https://doi.org/10.1007/s11606-020-06488-5>
- Yu J, Green M, Li S, Sun Y, Journey S, Choi J, Rizvi S, Qin A, Waninger J, Lang X, **Chopra Z**, Naqa I, Zhou J, Bian Y, Jiang L, Tezel A, Skvarce J, Rosen B, Su F, Narayanan S, Cao X, Wei S, Szeliga W, Vatan L, Mayo C, Morgan M, Schonewolf C, Cuneo KC, Kryczek I, Ma V, Fecher L, Lao C, Lawrence T, Ramnath N, Wen F, Chinnaiyan A, Cieslik M, Alva A, Zou W. Liver metastasis restrains immunotherapy efficacy via macrophage-mediated T-cell elimination. *Nature Medicine* 2021; 27: 152-164. <https://doi.org/10.1038/s41591-020-1131-x>
- Qin A, Zhao S, Miah A, Wei L, Patel S, Johns A, Grogan M, Bertino EM, He K, Shields PG, Kalemkerian GP, Gadgeel SM, Ramnath N, Schneider BJ, Hassan K, Szerlip N, **Chopra Z**, Journey S, Waninger J, Spakowicz D, Carbone DP, Presley CJ, Otterson GA, Green MD, Owen DH. Bone metastases, skeletal-related events, and survival in patients with non-small cell lung cancer treated with checkpoint inhibitors. *Journal of the National Comprehensive Cancer Network* 2021; 19(8): 915-921. <http://doi.org/10.6004/jnccn.2020.7668>
- Ma VT, Daignault-Newton S, Waninger JJ, Journey S, **Chopra Z**, Tezel A, Redman BG, Fecher LA, Green M, Alva AS, Lao CD. The impact of BRAF mutation status on clinical outcomes with single-agent PD-1 inhibitor versus combination ipilimumab/nivolumab. *Pigment Cell and Melanoma Research* 2020; 00: 1-12. <https://doi.org/10.1111/pcmr.12944>
- Lebastchi AH, Russell CM, Niknafs YS, Eyrich NW, **Chopra Z**, Botbyl R, Kabeer R, Osawa T, Siddiqui J, Siddiqui R, Davenport MS, Mehra R, Tomlins SA, Kunju LP, Chinnaiyan AM, Wei JT, Tosoian JJ, Morgan TM. Impact of the MyProstateScore (MPS) test on the clinical decision to undergo prostate biopsy: results from a contemporary academic practice. *Urology* 2020; 145: 204-210. <https://doi.org/10.1016/j.urology.2020.07.042>
- Tosoian JJ, Trock BJ, Morgan TM, Salami SS, Tomlins SA, Spratt DE, Siddiqui J, Kunju LP, Botbyl R, **Chopra Z**, Pandian B, Eyrich NW, Longton G, Zheng Y, Palapattu GS, Wei JT, Niknafs YS, Chinnaiyan AM. Use of the MyProstateScore (MPS) Test to Rule Out Clinically-Significant Cancer: Validation of a Straightforward Clinical Testing Approach. *Journal of Urology* 2020; 205(3): 732-739. <https://doi.org/10.1097/JU.0000000000001430>
- **Chopra Z**. [The Efficacy of Biomedical Research: A Bibliometric Analysis across Longitudinal Respiratory Disease](#) (2019). Harvard College Economics Review.
- **Chopra Z**. [The Efficacy of Biomedical Research: A Bibliometric Analysis across Longitudinal Respiratory Disease Data](#) (2019). Columbia Economic Review.
- **Chopra Z**. [The Path Less Traveled: Willpower in the Face of Access](#) (2017). RCSS Journal of Undergraduate Research.



## CONFERENCES & ABSTRACTS

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- Asthana V, Perkins S, Monovoukas D, **Chopra Z**, Vejalla A, Nicklas J. Using Vectorcardiographic Analysis to Predict Prognosis in Patients with Heart Failure and Acute Coronary Syndrome. In submission to *American Heart Association Scientific Sessions*.
- Conlon A, **Chopra Z**, Cahalan S, Cinti S, Rao K. Epidemiology and Antimicrobial Treatment Impact of Procalcitonin in Patients with COVID-19. IDWeek, October 2022.
- Saadeh YS, **Chopra Z**, Olsen E, Smith BW, Kashlan ON, Yang LJS, Park P. Optimal Timing of Referral for Nerve Transfer Surgery for Postoperative C5 Palsy. Oral Presentation at the AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, February 2022.
- Perkins S, Witt M, Cartwright J, **Chopra Z**, Quanstrom K, Shute A, Daniels R. 578: An Open-Source Ventilation Device for Critical Access in Low-Resource Settings. *Critical Care Medicine* 2022; 50(1): 281.
- Nelson J, Perkins S, Holmes A, Hirschl J, **Chopra Z**, Medlin R, Fung C, Korley F, Burke J. 296 A Bayesian Approach to Predicting Outcomes during the Initial COVID-19 Outbreak. Poster Presentation at the American College of Emergency Physicians (ACEP) Research Forum, October 2021. *Annals of Emergency Medicine* 2021; 78(Supplement 4): s120. <https://doi.org/10.1016/j.annemergmed.2021.09.309>
- Singhal U, Tosoian J, Davenport M, Wei J, Montgomery J, George A, Salami S, Mukundi S, Siddiqui J, Kunju L, Tooke B, Ryder Y, Dugan S, **Chopra Z**, Botbyl R, Feng Y, Sessine M, Eyrich N, Ross A, Trock B, Tomlins S, Palapattu G, Chinnaiyan A, Niknafs Y, Morgan T. PD65-10 Urinary MyProstateScore (MPS) to Rule Out Clinically-Significant Cancer in Men with Equivocal (PI-RADS 3) Multiparametric MRI: Addressing an Unmet Clinical Need. *Journal of Urology* 2021; 206(Supplement 3): e1156. <https://doi.org/10.1097/JU.0000000000002109.10>
- Zhu A, Andino J, Daignault-Newton S, **Chopra Z**, Sarma A, Dupree JM. PD30-09 What is a Normal Testosterone for Men <45 Years Old? Rethinking the 300ng/dL Cutoff for Hypogonadism. *Journal of Urology* 2021; 206(Supplement 3): e535-536. <https://doi.org/10.1097/JU.0000000000002031.09>
- **Chopra Z**, Gulseren B, Chhabra KR, Dimick, JB, Ryan AM. Bundled Payments for Care Improvement (BPCI) across Three Common Operations. Oral Presentation at the 10<sup>th</sup> Annual Conference of the American Society of Health Economists (ASHEcon), June 2021.
- **Chopra Z**, Gulseren B, Chhabra KR, Dimick, JB, Ryan AM. Bundled Payments for Care Improvement (BPCI) across Three Common Operations. Poster Presentation at the AcademyHealth Annual Research Meeting, June 2021.
- Berlin N, **Chopra Z**, Bryant A, Singh S, Agius J, Schulz P, West B, Kullgren J. Compliance of United States Hospitals with a Federal Regulation to Encourage Price Transparency. Poster Presentation at the AcademyHealth Annual Research Meeting, June 2021.
- Berlin NL, Peterson TA, **Chopra Z**, Gulseren B, Ryan AM. Influence of Third-Party Conveners on Hospital Participation in Voluntary Bundled Payments for Care Improvement Advanced. Oral Presentation at the 10<sup>th</sup> Annual Conference of the American Society of Health Economists (ASHEcon), June 2021.
- Berlin NL, Peterson TA, **Chopra Z**, Gulseren B, Ryan AM. Influence of Third-Party Conveners on Hospital Participation in Voluntary Bundled Payments for Care Improvement Advanced. Poster Presentation at the AcademyHealth Annual Research Meeting, June 2021.
- Holmes AR, Nelson J, Hirschl J, Perkins SJ, **Chopra Z**, Fung C, Medlin RP, Korley FK. RAAS Inhibitors are Cardioprotective in Patients with Covid-19. Poster Presentation at the American College of Cardiology Annual Scientific Session & Expo, May 2021. *Journal of the American College of Cardiology* 2021; 77(18\_Supplement\_1): 3073. <https://www.jacc.org/doi/full/10.1016/S0735-1097%2821%2904428-4>
- Solano Q, Otles E, Hayward L, **Chopra Z**, Quanstrom K, Kendrick D, George BC. Natural Language Processing and Assessment of Resident Feedback Quality. Association of Program Directors in Surgery (APDS) Annual Meeting, April 2021.

- **Chopra Z**, Gondy K, Carney M. Wellness Of Healthcare Workers In An Emergency Department During The COVID-19 Pandemic. Oral Presentation at the Red Sea Emergency Medicine Conference, October 2020.
- Gondy K, **Chopra Z**, Carney M. Wellness Of Physician Assistants In An Emergency Department During The COVID-19 Pandemic. Oral Presentation at the Red Sea Emergency Medicine Conference, October 2020.
- **Chopra Z**, Holmes AR, Nelson JR, Hirschl JR, Perkins SJ, Fung C, Medlin Jr. RP, Korley FK. 63 Incidence and Determinants of COVID-19 Emergency Department Revisits. Oral Presentation at the American College of Emergency Physicians (ACEP) Research Forum, October 2020. *Annals of Emergency Medicine* 2020; 76(Supplement 4): s25. <https://doi.org/10.1016/j.annemergmed.2020.09.073>
- Perkins SJ, Holmes AR, Nelson JR, Hirschl JR, **Chopra Z**, Fung C, Medlin Jr. RP, Korley FK. 41 Clinical Outcomes among COVID-19 Patients Taking Non-Steroidal Anti-Inflammatory Drugs. Oral Presentation at the American College of Emergency Physicians (ACEP) Research Forum, October 2020. *Annals of Emergency Medicine* 2020; 76(Supplement 4): s17. <https://doi.org/10.1016/j.annemergmed.2020.09.051>
- Zhu A, Andino JJ, **Chopra Z**, Daignault-Newton S, Ellimoottil C, Dupree JM. Telehealth for male-infertility is feasible and saves patients time and money. *Fertility and Sterility* 2020; 114(3): e60-61. <https://doi.org/10.1016/j.fertnstert.2020.08.187>
- Niknafs YS, Tosoian J, Botbyl R, **Chopra Z**, Dugan S, Davenport M, Morgan TM, Wei JT, Chinnaiyan A, Ryder Y. MP56-10 Retrospective analysis of the performance of MiPS in patients having had multi-parametric MRI. *Journal of Urology* 2020; 203(Supplement 4): e851. <https://www.auajournals.org/doi/abs/10.1097/JU.0000000000000925.010>
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