

Christy M. Lucas, M.D.

BIOGRAPHICAL:

4401 Penn Ave • AOB Suite 5400 • Pittsburgh, PA 15224
<https://orcid.org/0000-0002-2695-2929>

EDUCATION AND MEDICAL TRAINING:

Bachelor of Science

University of Pittsburgh, Pittsburgh, PA

August 2012 – June 2013

Phi Eta Sigma

Undeclared, no degree conferred

University of Notre Dame, Notre Dame, IN

August 2013 – May 2016

Magna cum laude, Phi Beta Kappa, Psi Chi

Majors: Science Pre-Professional Studies; Psychology

Doctor of Medicine

July 2016 – May 2020

Penn State College of Medicine, Hershey, PA

Alpha Omega Alpha, Gold Humanism Honor Society

Residency

June 2020 – Present

UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA

Department of Pediatrics

Program Directors: Andrew Nowalk, M.D., PhD & Katherine Watson, D.O.

CERTIFICATION AND LICENSURE:

Medical or Other Professional Licensure

Pennsylvania Graduate Medical Trainee License

July 2020 – Present

American Board of Pediatrics, General Pediatrics

Board Eligible in June 2023

Skills Certification

Lean-Six Sigma, White Belt Certified

2019

Neonatal Resuscitation Program

2020 – Present

Pediatric Advance Life Support

2021 – Present

PROFESSIONAL SOCIETIES:

Pennsylvania Medical Society	2017-Present
Harrisburg Guild of the Catholic Medical Association	2017-2020
American Medical Association	2017-Present
American Academy of Pediatrics	2017-Present
▪ Section on Hematology/Oncology	
▪ Section on Hospital Medicine	
▪ Section on Medical Trainees	
Society of Hospital Medicine	2018-2020
American College of Physicians	2018-2020
American Balint Society	2021-Present

HONORS AND AWARDS:Medical School**Academic**

John W. Combs' Memorial Student Award	2017
▪ <i>For the superhero-inspired short-film "Adam's Story" for Patients as Teachers</i>	
Poetry Award for Primary Care Preceptorship	2017
Alpha Omega Alpha	inducted 2019
Dr. Richard W. and Marcia D. Geller Excellence Endowment Award	2019
▪ <i>Achievement-based award given to one senior medical student interested in Pediatrics</i>	
Eugene and Rosemary Doran/Class of 1974 Endowed Scholarship	2019
▪ <i>For "outstanding performance during [the] first three years of medical school"</i>	
Dean's Scholarship	2019
Sylvia & Gilbert Nurick Medical Achievement Award	2020
▪ <i>For "outstanding academic excellence"; cited as "the most prestigious medical student award"</i>	
Andrew Creasy and Savino Family Award	2020
▪ <i>Award presented to a graduating medical student who shows potential for curing and treating childhood cancer and other life-threatening pediatric illnesses</i>	
Department of Pediatrics Award for Excellence in Pediatrics	2020

Service

Student Pediatric Society Honors	2017, 2018
▪ <i>For displaying a commitment to the Student Pediatric Society through active participation in lunch lectures and volunteer opportunities</i>	
Cheston M. Berlin Service Award	2018
▪ <i>For "outstanding leadership and dedication to the well-being of children"</i>	
Gold Humanism Honor Society	inducted 2019

Teaching

- Woodward Center Student Educator Award 2020
- *Award recognizing “the teaching impact of graduate and medical student colleagues, who are instrumental in the College of Medicine’s education mission”*

Research

- Naugle Family Medical Student Research Scholarship 2017
- Pennsylvania Research Poster Finalist for ACP Internal Medicine Meeting 2019
- Hospital Medicine “Shark Tank” Finalist 2019
- *One of four quality improvement projects selected for a “Shark Tank”-style pitch to senior quality and research leaders at the Hospital Medicine 2019 National Conference*
- K. Danner Clouser Award 2020
- *For scholarly activity in the medical humanities*
- Medical Student Research (MSR) Award 2020

Residency**Academic**

- Fifth Biennial Enid Balint Essay Contest Finalist 2021
- *One of three winning essays in a contest created to encourage students and residents to reflect on their patient encounters and inspire others in their caring relationships*
- AAP Section on Hospital Medicine Travel Grant Recipient (\$1,500) 2022

Research

- Finalist for The Beckwith Institute’s Frontline Innovation Program 2022

PUBLICATIONS:**Original Peer-Reviewed Articles**

1. Watts A, **Lucas C**, Brzozowski E, Winthrop Z, King T, & Olympia R. Positive and Negative Themes Depicted in Combat-Related Sports Films. *Global Pediatric Health*. May 2019; 6(1): 1-9. doi: 10.1177/2333794X19847027. (PMID: 31106245)
2. Olympia R, **Lucas C**, Doraiswamy V, Funghi C, Wakefield H, Wakefield B, & Brady J. “SPORTS ARE FUN”: A guide for the discussion of sport-related films. *Global Pediatric Health*. July 2019; 6(1): 1-12. doi: 10.1177/2333794X19860657. (PMID: 31312676)
3. **Lucas C** & Dellasega C. Finding common threads: How patients, physicians, and nurses perceive the patient gown. *Patient Experience Journal*. April 2020; 7(1): 51-64. doi: 10.35680/2372-0247.1387.
4. **Lucas C**, Mahler K, Tierney C, & Olympia R. School Nurses on the Front Lines of Health Care: How to Help Students with Autism Spectrum Disorder Navigate a Meltdown in School. *NASN School Nurse*. May 2020; 35(3): 143-146. doi: 10.1177/1942602X19890564. (PMID: 31777309)

5. **Lucas C**, Brady J, & Olympia R. School Nurses on the Front Lines of Health Care: “STICKS & STONES” May Hurt More Than Your Students’ Bones: A Guide to the Recognition of Bullying in Your Schools. *NASN School Nurse*. November 2020; 35(6): 321-326. doi: 10.1177/1942602X19892074. (PMID: 31829101)
6. **Lucas C**, Crowell K, & Olympia R. School Nurses on the Front Lines of Health Care: Red Flags and Red Herrings: Improving the recognition of bruises and burns associated with physical abuse in school-aged children. *NASN School Nurse*. January 2021; 36(2): 32-38. doi: 10.1177/1942602x20942922. (PMID: 32741252)
7. **Lucas C**, Lind M, & Olympia R. School Nurses on the Front Lines of Health Care: Recognizing the Signs and Putting the “BRAKES” on the Commercial Sexual Exploitation of Children (CSEC). *NASN School Nurse*. March 2021; 36(2): 92-98. doi: 10.1177/1942602X20932589. (PMID: 32502361)
8. Farou N, **Lucas C**, & Olympia R. School Nurses on the Front Lines of Health Care: Children with Medical Devices - Shunt System Malfunctions and Infections. *NASN School Nurse*. March 2021; 36(2): 86-91. doi: 10.1177/1942602X20940036. (PMID: 32684088)
9. Farou N, **Lucas C**, & Olympia R. School Nurses on the Front Lines of Healthcare: Children with Medical Devices - A “BOLUS” of Information about Gastrostomy Tube Malfunctions and Infections. *NASN School Nurse*. May 2021; 36(3): 144-148. doi: 10.1177/1942602X20940026. (PMID: 32684082)
10. **Lucas C**, Brady J, & Olympia R. School Nurses on the Front Lines of Health Care: A Guide to Recognizing Teen Dating Violence in your Schools. *NASN School Nurse*. July 2021; 36(4): 205-210. doi: 10.1177/1942602X20919965. (PMID: 32495683)
11. Farou N, **Lucas C**, & Olympia R. School Nurses on the Front Lines of Healthcare: Children with Medical Devices - Central Venous Access Device Malfunctions and Infections. *NASN School Nurse*. November 2021; 36(6): 328-332. doi: 10.1177/1942602X20940393. (PMID: 32698667)
12. **Lucas C**, Brady J, & Olympia R. School Nurses on the Front Lines of Healthcare: Recognizing “BONES” and Knowing When to Pick Up the Phone: Eating Disorders Among Students in the School Setting. *NASN School Nurse*. March 2022; 37(2): 83-88. doi: 10.1177/1942602x20942531. (PMID: 32731791)
13. Seeberger J, **Lucas C**, Brawley A, Groff A, Kavanaugh M, Yirinec A, Moroco A, Zhu X, King T, & Olympia R. Positive and negative themes depicted in television shows targeted towards adolescents. *Clinical Pediatrics*. Published online ahead of print, August 18, 2022. doi: 10.1177/00099228221118401. (PMID: 35982609)
14. Lucas C and Panko L. Failure to Thrive: A Modern Recipe for Success. *Clinical Pediatrics*. Published online ahead of print, November 23, 2022. doi: 10.1177/00099228221139539

Peer-Reviewed Writing: Narrative Medicine

1. **Lucas C** and Atnip R. Painted Perspectives. *The Pharos*. August 2021; Summer Issue: 38-39.
2. **Lucas C**. A Beating Heart. *Academic Pediatrics*. August 2022; 22(6):879-880. doi: 10.1016/j.acap.2022.04.003. (PMID: 35417781)

3. **Lucas C.** Fall Mourning. *Academic Pediatrics*. May 2022; 22(4): 507-508. doi: 10.1016/j.acap.2021.12.011. (PMID: 34923144)
4. **Lucas C.** For, not To. *International Journal of Psychiatry in Medicine*. November 2022;57(6): 471-475. doi: 10.1177/00912174221121431. (PMID: 35969417)

Peer-Reviewed Writing: Poetry

1. **Lucas C.** Trauma A. *Academic Emergency Medicine*. August 2022; 29(8): 1043. doi: 10.1111/acem.14498. (PMID: 35384142)
2. **Lucas C.** Ablutophobia. *Wild Onions*. May 2022; pp 60.

Peer-Reviewed Published Abstracts

1. **Lucas C**, Smith C, & Dellasega C. “Don’t Let the Gown Get You Down”: How Patients and Providers Perceive Hospital Gowns. Abstract published as an online supplement to the *Journal of Hospital Medicine*. March 2019; Abstract 322. Retrieved from: <https://shmabstracts.org/abstract/dont-let-the-gown-get-you-down-how-patients-and-providers-perceive-hospital-gowns>.
2. Kang M, **Lucas C**, Gorrepati V, Stuart A, & Clarke K. MO1025 Patient Related Predictors of Sufficient Bowel Prep- Real World Experience in a Large Academic Tertiary Center. *Gastrointestinal Endoscopy*. June 2019; 89(6), Supplement, Abstract 412. doi: 10.1016/j.gie.2019.03.634.
3. **Lucas C**, Noverati N, & Dellasega, C. Redefining, Redesigning, and Refining the Patient Gown. Abstract published as an online supplement to the *Journal of Hospital Medicine*. July 2020; Abstract 250. Retrieved from: <https://shmabstracts.org/abstract/redefining-redesigning-and-refining-the-patient-gown/>.

Peer-Reviewed Oral Presentations (*Presenter)

National

1. **Lucas C** & Dellasega C*. U Matter: Inpatient Hospital Attire Reimagined. Quality improvement presentation at: Society of Hospital Medicine “Shark Tank” Competition; 2019 March 25; National Harbor, MD.
2. **Lucas C***. “For, Not To.” Virtual narrative medicine presentation at: American Balint Society (ABS) Annual Meeting; 2022 January 26; Tucson, AZ.
3. **Lucas C*** & Sharp E. What Lies Beneath the Surface: A Well-appearing Infant with an Abdominal Mass. Oral presentation of a Hematology/Oncology clinical conundrum at: Pediatric Hospital Medicine (PHM) Annual Conference; 2022 July 30; Lake Buena Vista, FL.

Regional

1. **Lucas C***. Evolution of an Evidence-Based Patient Gown. Virtual clinical research presentation at: Penn State College of Medicine Medical Student Research (MSR) Symposium; 2020 May 14; Hershey, PA.

Peer-Reviewed Poster Presentations (*Presenter)

International

1. Lazzara A, Veglia M, Mahler K, Miller E, **Lucas C**, & Tierney-Aves C*. Do Kids With Autism Get “The Feels”? Making Sense of Interoception. Poster presented at: International Society for Autism Research (INSAR) Annual Meeting; 2018 May 10; Rotterdam, Netherlands.
2. **Lucas C***, Mahler K, Schaefer E, & Tierney-Aves C. “Keep calm and use context clues”: An investigation into interoceptive awareness (IA) in autistic teens. Poster presented at: International Society for Autism Research (INSAR) Annual Meeting; 2019 May 3; Montreal, Canada.
3. Kang M*, **Lucas C**, Gorrepati V, Stuart A, & Clarke K. Patient Related Predictors of Sufficient Bowel Prep—Real World Experience in a Large Academic Tertiary Center. Poster presented at: Digestive Disease Week (DDW); 2019 20 May; San Francisco, CA.
4. **Lucas C***, Brawley A, Otaibi B, Patel H, Olympia R, & Tierney-Aves C. Following the Footprints: Making Our Pediatric Emergency Department (ED) Autism-Friendly in “the Sweetest Place on Earth.” Virtual poster presented at: International Society for Autism Research (INSAR) Annual Meeting; 2020 June 3; Seattle, WA.

National

1. Lazzara A*, Veglia M*, Mahler K, Miller E, **Lucas C**, & Tierney-Aves C. Do Kids With Autism Get “The Feels”? Making Sense of Interoception. Poster presented at: Society for Developmental and Behavioral Pediatrics (SDBP) Annual Meeting; 2017 October 15; Cleveland, OH.
2. Brzozowski E*, Olympia R, **Lucas C**, Watts A, & Winthrop Z. Injuries depicted in combat sports films. Poster presented at: John M. Templeton Jr. Pediatric Trauma Symposium; 2018 March 2; Philadelphia, PA.
3. **Lucas C***, Miller E, Mahler K, Schaefer E, & Tierney-Aves C. “Can you hear me now?”: How autistic teens make sense of their world through interoception. Poster presented at: Society for Developmental and Behavioral Pediatrics (SDBP) Annual Meeting; 2018 September 14; Anaheim, CA.
4. **Lucas C**, Dellasega C*, & Smith C. “Don’t let the gown get you down”: How Patients and Providers Perceive Hospital Gowns. Poster presented at: Society of Hospital Medicine Annual Meeting; 2019 March 25; National Harbor, MD.
5. **Lucas C*** & Dellasega C. “You don’t have to be dying to do comfort measures”: Patients' and Physicians' Perceptions of Inpatient Attire. Poster presented at: American College of Physicians Internal Medicine Meeting; 2019 April 13; Philadelphia, PA.
6. **Lucas C***, Mahler K, Schaefer E, & Tierney-Aves C. “Keep calm and use context clues”: An investigation into interoceptive awareness (IA) in autistic teens. Poster presented at: Society for Developmental and Behavioral Pediatrics (SDBP) Annual Meeting; 2019 September 15; Washington, D.C.

7. **Lucas C***, Patel H, Brawley A, Fairfull A, Tierney-Aves C, & Olympia R. Taking the Autism Spectrum Ambassador Program (ASAP) to the ED, STAT!. Poster presented at: Society for Developmental and Behavioral Pediatrics (SDBP) Annual Meeting; 2019 September 15; Washington, D.C.
8. **Lucas C***, Noverati N, Luke F, & Dellasega C. Redefining, Redesigning, and Refining the Patient Gown. Virtual poster presented at: Society of Hospital Medicine Annual Meeting; 2020 July 14; San Diego, CA.

Regional

1. Watts A*, **Lucas C**, Brzozowski E, Winthrop Z, & Olympia R. Injuries and themes depicted in combat-related sport films. Poster presented at: Penn State Health Pediatric Research Day; 2018 May 24; Hershey, PA.
2. **Lucas C***, Dellasega C, & Smith C. “Don’t let the gown get you down”: How Patients and Providers Perceive Hospital Gowns. Poster presented at: South-Central Pennsylvania Society of Hospital Medicine Annual Meeting; 2018 October 20; Hershey, PA.
3. **Lucas C*** & Dellasega C. Down with the Gown?. Virtual poster presented at: Graduate Medical Education Quality and Safety Symposium; 2022 April 7; Pittsburgh, PA.
4. **Lucas C** & Dellasega C. Down with the Gown?: Evaluating Perceptions of Hospital Gowns. Poster presented at: Children's Hospital of Pittsburgh Research Symposium; 2022 May 2; Pittsburgh, PA.

Non-Peer-Reviewed Publications

1. **Lucas C** & Manigat L. “Adam’s Story” [short film]. Presented at the Penn State College of Medicine Patients as Teachers Film Festival and published online, May 2017. Retrieved from: <https://youtu.be/tU9YXvB3wVM>.
2. **Lucas C**. Sowing Stitches with Hope [blog post]. Published online, January 28, 2020. Retrieved from: <https://collaborate.aap.org/SOPT/Blog/Lists/Posts/Post.aspx?ID=154>.
3. **Lucas C** & Dellasega C. Exposing Hospital Gowns: Bare Bottoms, Bare Minimum [magazine article]. *The Hospitalist*. July 2020; 24(7); 22-23. Retrieved from: <https://www.the-hospitalist.org/hospitalist/article/225598/mixed-topics/exposing-hospital-gowns>.

INTELLECTUAL PROPERTY:

U MATTER ®: Uniquely Made Attire, Tailored for Tubes & Testing, Encouraging Respect

- Inventor, International Patent No.: PCT/US2021/029799, published November 4, 2021 in the United States
 - Additional patent applications pending in the European Union, Canada, and Japan, filed October 2022

TEACHING EXPERIENCE:

Penn State College of Medicine

Medical Student Research (MSR) Panelist

2017-2019

Participated in eight 1-hour Q&A sessions over three years for first-year medical students, providing advice to 10-15 students on finding a mentor and developing a research project

Students as Educators

2019-2020

Course that provided training in educational methods and theory to become an effective educator in practical, clinical, classroom, and small-group teaching techniques

- Kienle Humanities Group Co-facilitator; March 15 - October 11, 2019
 - Ten 1-hour small group sessions; 8 students
- Medical Humanities Course Small Group Facilitator for “Suffering, Resilience, and Recovery”; August 27, 2019
 - 2 hours; 8 students
- Problem-Based Learning (PBL) Facilitator for Scientific Principles of Medicine; August 19 - September 9, 2019
 - 40 hours; 8 students
- Medical Humanities Panelist for Empathy Discussion; September 10, 2019
 - 1 hour panel; 140 students
- Communications Course Small Group Co-facilitator for “Communication for Success in Clinical Clerkships and Beyond”; February 4, 2020
 - 2 hours; 8 students
- Transition to Clerkship Small Group Facilitator for “Oral Presentations and Clinical Reasoning”; February 14, 2020 and February 21, 2020
 - Three 1-hour sessions; 8-10 students
- Transition to Clerkship 4th Year Panelist; February 21, 2020
 - 1-hour panel; 140 students
- Student preceptor for Objective Structured Teaching Examination (OSTE) for faculty development, Woodward Center; February 26, 2020
 - 2 hours; 6 attending physicians
- Standardized patient and preceptor for first-year medical students participating in a virtual Objective Structured Clinical Exercise (OSCE); May 4-6, 2020
 - 4 hours; 4 students (1:1 sessions)
- Bi-weekly USMLE Step 1 Virtual Study Group Facilitator; May 6-June 4, 2020
 - 4 hours per week; 4 students

University of Notre Dame

Undergraduate Student Lectures

Guest-Lecturer for the Psychology and Medicine Seminar (Course Directors: Robert White, M.D. and Kathleen Kolberg, PhD)

- The Introverted Advocate; March 25, 2019
 - 1.5 hours; 25 students
- The (Virtual) Introverted Advocate; March 30, 2020
 - 1.5 hours; 25 students
- The (Virtual) Introverted Advocate; March 15, 2021
 - 1.5 hours; 25 students
- The (Virtual) Introverted Advocate; February 23, 2022
 - 1.5 hours; 25 students
- *A Grief Observed* & Written; April 6, 2022
 - 1 hour; 25 students
- The (Virtual) Introverted Advocate; scheduled for February 13, 2023
 - 1.5 hours; 25 students
- Essays from the Frontlines; scheduled for February 20, 2023
 - 1.5 hours; 25 students

University of Pittsburgh Medical School

Pediatric Residents Interested in Medical Education (PRIME)

2020-Present

Area of focus providing an immersion in Medical Education topics, for enrichment of its members and to assist these members in improving graduate medical education training for all

- Residency Q&A Panel for Graduating MS4s; May 5, 2021
 - 1 hour; 20 students
- Physical Exam Teaching Session; May 17, 2021
 - 1 hour; 1:1 session
- Medical Student Clinical Case Preceptor
 - August 25, 2021- 2 hours; 8 students
 - September 16, 2021- 2 hours; 8 students
- Enhancement of Medical Skills (EMS)
 - July 13, 2022- 2 hours; 1:1 session covering documentation and differential diagnoses

Medical Student Reflection Boot Camp

2022

Co-facilitated (faculty facilitator: Dr. Amanda Brown) a fourth-year medical student selective geared at reflecting on meaningful experiences in medical school and transition to residency

- Session 1 (of 3): Getting Acquainted
 - 2 hours; 4 students
- Session 3 (of 3): Wrapping Up
 - 2 hours; 4 students

UPMC Children's Hospital of Pittsburgh**Resident Lectures**

- Polycystic Ovarian Disease and Gender Dysphoria. Adolescent Medicine Case Conference; July 22, 2021
 - 15 minutes; 10 attendees (residents, fellows, and faculty)
- Back Pain: A Delayed Diagnosis of Sickle Cell Disease. Zitelli Rounds; August 6, 2021
 - 1 hour; 45 attendees (residents and faculty)
- Bruises, Burns, and Red Herrings. Primary Care Rotation Resident Morning Report; September 1, 2021
 - 1 hour; 6 residents
- Malnutrition Vitamin Deficiencies. Senior Resident Morning Report; September 7, 2021
 - 1 hour; 20 residents
- Subdural Empyema. Senior Resident Morning Report; August 29, 2022
 - 30 minutes; 20 residents

First Responders Pediatric Intern Simulation Course (FRISC)

2022-Present

Work with a group of four residents to create, schedule, execute, and refine simulation sessions with the objective of educating interns on emergencies in a low-stress environment

- Acute Respiratory Failure, Simulation Case Leader; September 22, 2022
 - 1 hour; 3 residents
- Acute Respiratory Failure, Simulation Case Leader; September 28, 2022
 - 1 hour; 5 residents
- Febrile Neutropenia and Sepsis, Simulation Case Leader; December 15, 2022
 - 1 hour; 6 residents

TRAINING COURSES & EDUCATIONAL SYMPOSIA:Medical School

Science of Learning and Adult Learning Theory (2 hours)	August 2019
Orientation to Problem-Based Learning (PBL) (1 hour)	July 2019
Becoming a Successful Educator (2 hours)	March 2019

Residency

Communications Course: Delivering Bad News (2 hours)	August 2020
Pregnancy Options Counseling (2 hours)	March 2021
Communications Course: Addressing Anger and Hostility (2 hours)	August 2021
Death and Dying (2 hours)	December 2021
Conscious Sedation (2 hours)	May 2022
Disclosing Medical Errors (2 hours)	August 2022
Univ. of Iowa Pediatric Pain & Palliative Care Annual Conference (6 hours)	November 2022

RESEARCH ACTIVITIES:

Active Research:

UPMC Children's Hospital of Pittsburgh

1. *Evaluating the Impact of Hospital Gown Design in Pediatric Oncology Patients* 2021-Present
Departments of Hematology/Oncology and Supportive Care
Mentor: Scott Maurer, M.D.
Role: Principal Investigator
 - *Designed a mixed-methods study to assess psychosocial impacts inpatient attire on pediatric oncology patients using a novel-survey created from prior research; recruitment in progress*
2. *Non-sedated Lumbar Punctures in the Pediatric ALL Population* 2022-Present
Departments of Hematology/Oncology
Principal Investigator: Lindsey Wagner Faith, CRNP
Role: Co-investigator
 - *Working with a multidisciplinary team to develop strategies for non-sedated outpatient lumbar punctures, prioritizing non-pharmacologic interventions (e.g., distraction items, rewards, process map, simulation experience)*

Prior Research:

University of Pittsburgh

1. *Social and Emotional Development of Toddlers at High and Low Genetic Risk for Autism* 2013-2015
Department of Psychology
Mentor: Susan B. Campbell, PhD
Role: Undergraduate Research Assistant
 - *Selected as a research assistant for First Experiences in Research in Spring 2013 while attending the University of Pittsburgh; continued to work as a summer research assistant with responsibilities including collection of data through questionnaires (e.g., ADOS, MCHAT) and recorded play sessions of infants and toddlers (e.g., pretend play and social referencing)*
 - *Ensured the accuracy and maintenance of databases for use in publications and thus acknowledged in two papers for these efforts as an undergraduate*

Milton S. Hershey Medical Center/Penn State College of Medicine

1. *Making Meaning: How Patients and Providers Describe the Use of Institutional Gowns During Hospitalization* 2016-2020
Department of Humanities
Mentor: Cheryl Dellasega, CRNP, PhD, MFA
Funding: Naugle Family Medical Student Research Scholarship (2017), \$1,000
Role: Principal Investigator
 - *Designed a qualitative study to assess psychosocial impacts of hospital gowns through semi-structured interviews with patients, physicians, and nurses; developed novel attire from results*
 - *First-authored a peer-reviewed article based on these results, in addition to presenting posters at national and regional conferences and publishing a magazine article*

2. *Injuries and Themes Depicted in Combat-related Sport Films* 2017-2019
Department of Pediatrics
Mentor: Robert P. Olympia, M.D.
Role: Medical Student Research Assistant
 - *Worked with a team of three medical students and an attending physician to better understand violence portrayed in combat sports films by viewing and coding film themes*
 - *Assisted in creation of a peer-reviewed article by writing the results section and creating tables*
3. *Is Interoception Measurable in Children and Teenagers?* 2017-2020
Department of Developmental and Behavioral Pediatrics
Mentor: Cheryl D. Tierney, M.D., MPH
Role: Medical Student Research Assistant
 - *Worked with a multidisciplinary team to assess interoceptive awareness in autistic teenagers and neurotypical peers using a novel instrument; assisted with recruitment and data analysis*
 - *Wrote the results section for an unpublished manuscript and presented posters at national and international conferences*
4. *Analysis of Bowel Preparation Efficacy Prior to Colonoscopy* 2018-2019
Department of Gastroenterology
Mentor: Kofi Clarke, M.D.
Role: Medical Student Research Assistant
 - *Developed a database for a quality review of bowel preparation, analyzing over 400 charts*
 - *Findings led to a poster presentation by Dr. Kang, which was chosen by the Digestive Disease Week Applied Clinical Education faculty for discussion at a CME symposium*
5. *Positive and Negative Themes Presented by Television Shows Targeted to Teens* 2018-2020
Department of Pediatrics
Mentor: Robert P. Olympia, M.D.
Role: Co-Investigator
 - *Worked with a team of six medical students and an attending physician to develop a coding instrument to evaluate themes in 26 teen television shows available on Netflix*
 - *Contributed to the introduction, results, and discussion sections of a peer-reviewed publication*
6. *Autism Spectrum Ambassador Program (ASAP)* 2019-2020
Department of Developmental and Behavioral Pediatrics
Mentor: Cheryl D. Tierney, M.D., MPH
Role: Co-investigator
 - *Organized a team of medical students, physicians, nurses, and Child Life Specialists to create a novel accommodation program in the Emergency Department for children with autism*
 - *Presented research as a poster at national and international conferences; execution of study limited by the COVID-19 pandemic*

7. *Evaluating Perceptions of Patient Gown Design and Attire via Online Survey* 2020-2022
 Department of Humanities
 Mentor: Cheryl Dellasega, CRNP, PhD, MFA
 Funding: K. Danner Clouser Award (2020) for scholarly work in humanities, \$2,000
Role: Principal Investigator
- *Designed a mixed-methods study to evaluate perceptions of hospital gowns and novel attire created from prior research with intentions to evaluate in an outpatient radiology setting, however, transitioned to a virtual study due to the COVID-19 pandemic*
 - *Presented posters at national and regional conferences*
-

LEADERSHIP ACTIVITIES:

Penn State College of Medicine

- Admissions Committee, Penn State College of Medicine 2016-2018
 Primary Care Day Planning Committee and Small Group Facilitator 2017
- *Worked with medical student peers to plan Primary Care Day, an event for Pennsylvania high school and college students interested in a career in medicine*
 - *Developed and executed a patient simulation scenario to teach participants how to take a history and synthesize information to create a differential diagnosis*
- Vice President, Student Pediatric Society 2017-2018
- *Coordinated with Child Life Specialists to create weekly volunteering opportunities for students*
 - *Organized simulation skills nights for medical students interested in Pediatrics and facilitated two skills sessions, teaching about infant exams and murmurs*
- Hematology Student Curriculum Design Partner 2017-2018
- *Collaborated with a team of medical students and physicians to improve four Problem-Based Learning (PBL) cases on Hematology and Oncology topics*
- Vice President, Gold Humanism Honor Society 2019-2020
- *Planned "Thank a Resident Day," a Gold Humanism Honor Society (GHHS) initiative for the 600+ residents at Hershey Medical Center, including a catered breakfast, handwritten thank-you notes, and "virtual raffle," acquiring over \$700 worth of community-donated prizes*
 - *Assisted in planning volunteer opportunities for GHHS and created t-shirt fundraisers*

UPMC Children's Hospital of Pittsburgh

- Founder, "Stitches with Hope" at Children's Hospital of Pittsburgh 2015-Present
- *Created a fund to purchase comfortable clothing for pediatric inpatients and sustain a sense of identity, dignity, and hope in the healing process*
 - *Became a permanent fund at the Children's Hospital of Pittsburgh Foundation in August 2018 after surpassing the required \$10,000 fundraising goal, raising over \$25,000 to date*
 - <https://www.justgiving.com/fundraising/stitches-with-hope>
- Recruitment Committee 2021-2022
 Intern Boot Camp (IBC) Co-coordinator 2021-2022
- *Organized a weekly lecture series on pertinent clinical topics for first year Pediatric residents to prepare them for life as an intern and progression to a senior resident*

Humanities Journal Working Group

2022-Present

- *Assembled a multidisciplinary working group to develop and publish a medical humanities journal for the University of Pittsburgh School of Medicine and UPMC Health System, with plans to solicit creative content from students, residents, faculty, staff, and community members*

COMMUNITY SERVICE AND ADVOCACY:Undergraduate Education

Miracle League of Southwestern Pennsylvania Buddy

2010-2014

- *Worked with children with physical and/or mental challenges, including autism, to create a normalizing experience through baseball, developing longitudinal relationships*

UPMC Children's Hospital of Pittsburgh Child Life Summer Volunteer

2013-2015

Beacon Children's Hospital Child Life Volunteer

2013-2014

Medical School

Penn State Children's Hospital Child Life Volunteer and Buddy

2016-2018

St. Joan of Arc 3rd Grade Catechist

2017-2019

- *Taught elementary-aged students about the Catholic faith, developing weekly lessons and crafts to bring the material to an age-appropriate level of understanding*

Peer Volunteer for the Adult Multimedia Social Skills Group

2020

- *Participated in a weekly social skills group for adults with autism, serving as a same-age-peer to practice social skills through a variety of activities, including games, scavenger hunts, creating a resume, and mock job-interviews*

Residency

Community Health Lectures

2020-Present

- "COVID-19 Precautions in the School Setting." Virtual lecture for 80 teachers and school staff participating in the Pittsburgh Public Schools Early Childhood Health Professional Development Session; Pittsburgh, PA; August 26, 2020
- "Counting Sheep: A Lesson on Sleep." Lecture for 50 sixth graders at the Arsenal Middle School Health Fair; Pittsburgh, PA; May 20, 2022.

Heart Camp

2020, 2023

- *Opportunity for children with congenital and acquired heart disease to interact with their doctors and nurses in a non-medical setting during a week of camp*

Booksburgh

2021-Present

- *Supported a hospital-based program committed to improving early childhood literacy in Pittsburgh through involvement in hospital activities and creating t-shirt fundraisers*

OTHER INTERESTS:

Pediatric community service; autism advocacy; improving the patient experience, including innovative hospital gowns; medical education; medical humanities; narrative medicine