

Application for SNACC Director-at-large 2022 : Entry # 14**Name**

Alexander Papangelou

Degrees

MD

Current Institution

Emory University

SNACC Member Since:

2016

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Services to SNACC (limit to no more than 5 most significant services):

- Lead, Resident curriculum working group, 2019-2021. Developed the "Neuroanesthesia classroom" basic rotation which is published online. <https://www.snacc.org/fellows-and-residents/neuroanesthesia-classroom/>
- Chair, Trainee Engagement Committee 2021-current
- SNACC Education Committee, 2017-present. Experts' Audio Corner subcommittee, 2017-present. Multiple interviews including Paul Garcia and Shobana Rajan.
- SNACC bibliography. Senior Co-contributor/curator, Intracranial Pressure section. <https://www.snacc.org/education-corner/bibliography-and-suggested-references/>
- Fellows' and Residents' Audio Corner, March 2021. Interviewed for podcast entitled "Anesthetic Considerations for Craniotomy." https://www.snacc.org/wp-content/uploads/2021/03/Final_Mathews_and_Papangelou-music-added-3.mp3

Relevant leadership experience (limit to no more than 5):

- Director, Neuroanesthesiology Division, Department of Anesthesiology, Emory University, 2016-present and Co-director, Neuroanesthesiology fellowship program, EUH, 1 fellow graduate 2021.
- Neurocritical Care Society, Member of Writing Committee, Cerebral Edema Guidelines, 2018-2020
- American Society of Anesthesiologists Committee on Neuroanesthesiology, 2018-2022
- American Society of Anesthesiologists Abstract Review Subcommittee on Clinical Neurosciences, 2019-2020. Moderator, Clinical Neuroscience Session 2, ASA annual meeting 2020
- American Society of Anesthesiologists Educational Track Subcommittee on Neuro Anesthesia, 2020-2022

Your commitment to diversity, equity and inclusion (limit 50 words):

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As an international society, SNACC offers an amazing opportunity to network with and learn from members from different cultures and health care systems. With more leadership opportunities, I find myself in a wonderful position to enrich the development and execution of projects by encouraging the contributions of our diverse membership.

How do you envision advancing SNACC as a Director at Large (limit 150 words):

One of my strongest attributes is the ability to develop and execute ideas. Looking as far back as my time in college, I'm still proud of co-founding a highly successful conference for undergraduates interested in the health field. More recently, as a member of TEC, I helped lead the team through development and publishing of the Neuroanesthesia Classroom and I'm hoping to move forward with the idea of an EEG Classroom for residents.

Despite my introverted nature, I now make a concerted effort to share my opinion regardless of venue. I see a tremendous opportunity in SNACC, especially if given the honor and privilege of working with the Executive Committee in the advancement of our subspecialty. Even though the ASA is our specialty's society, the heart of neuroanesthesiology lies in SNACC and I feel that the heart of SNACC starts with the recruitment of young minds.

Anything else you would like considered in your candidacy (limit 50 words):

In considering educational effort, I was significantly involved in the 2021 SNACC annual meeting including the ICPNT training workshop on ICP, a panel talk on pain management, and conducting the TEC reception. From 2019-2022, I have participated in five neuroanesthesia panels as a speaker or moderator at ASA annual meetings.

Notes



Admin Notification (ID: 6241f2322e665)

added April 10, 2022 at 9:50 am

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**Emory University School of Medicine
CURRICULUM VITAE**

Revised: 4/9/2022

1. Name: Alexander Papangelou
2. Office Address: Emory University Hospital
Department of Anesthesiology
1364 Clifton Road NE
Atlanta, Georgia 30322
Phone: (404) 778-0482
3. Email: apapang@emory.edu
4. Citizenship: United States Citizen
5. Current Titles and Affiliations:
 - a. Academic Appointments:

Associate Professor of Anesthesiology: Emory University School of Medicine, 2020-present
 - b. Clinical Appointments:

Staff Physician: The Emory Clinic/Emory University Hospital (EUH), 2015-present
 - c. Other Administrative Appointments:
 - i. Director, Neuroanesthesiology Division, Department of Anesthesiology, EUH, 2016-present
 - a. Co-director, Neuroanesthesiology resident rotation, Department of Anesthesiology, EUH, 2016-present
 - ii. Co-director, Neuroanesthesiology fellowship program, EUH, 2018-present
6. Previous Academic Appointments:

Instructor, Department of Anesthesiology and Critical Care Medicine (ACCM), The Johns Hopkins Hospital (JHH), 2008-2009

Assistant Professor, Department of ACCM, JHH, 2009-2013

Assistant Professor, *Secondary Appointment*, Department of Neurology, JHH, 2009-2013

Part-time Assistant Professor (non-salaried), Department of ACCM, JHH, 2013-2015

Assistant Professor of Anesthesiology: Emory University School of Medicine, 2015-2020

7. Previous Administrative Appointments:

Director of Neuroanesthesiology division, Department of Anesthesiology, Johns Hopkins Bayview Hospital, 2010-2011

8. Licensure:

Maryland Medical Board Licensure (not renewed 2017), Issued: 2005, #D0062826

The Medical Board of California Licensure (retired), Issued: 2014, #C133035

Georgia Composite Medical Licensure (active), Issued: 2015, #74272

9. Specialty and Subspecialty Board Certifications:

American Board of Psychiatry and Neurology, Diplomat: Neurology, 2006-2016

American Board of Psychiatry and Neurology, Diplomat: Vascular Neurology, 2009-2016

United Council for Neurologic Subspecialties, Diplomat: Neuro Critical Care, 2010-2021

American Board of Anesthesiology-Diplomate, 2012-2022

The National Board of Physicians and Surgeons, Diplomat: Neurology, 2016-2018

The National Board of Physicians and Surgeons, Diplomat: Vascular Neurology, 2016-2018

10. Education:

Undergraduate: B.S. Chemistry, Minor Classical Studies, University of Florida, Gainesville, FL, 1993-1997

Medical School: M.D., University of Miami, Miami, FL, 1997-2001; Associate Dean of Admissions: Dr. Robert Hinkley

11. Postgraduate Training:

Internship: Internal Medicine, University of Maryland Medical Systems, Baltimore, MD, 2001-2002; Program Director: Dr. Susan Wolfsthal

Residency: Neurology, University of Maryland Medical Systems, Baltimore, MD, 2002-2005; Program Director: Dr. Barney Stern

Residency: Anesthesiology, JHH, Baltimore, MD 2005-2008; Program Director: Dr. Deborah Schwengel

Fellowship: Neurocritical Care, JHH, Baltimore, MD 2008-2009; Program Director: Dr. Ricardo Carhuapoma

Fellowship: Neuroanesthesiology, JHH, Baltimore, MD 2008-2009; Program Director: Dr. Marek Mirski

12. Continuing Professional Development Activities:

- a. Emory Multidisciplinary Co-management of Operating Room Emergencies Simulation session, 2017
- b. Emory Clinical Research Bootcamp 101, 2017
- c. Emory Department of Anesthesiology Team Leadership Training, 2017
- d. International Anesthesia Research Society annual meeting, “Interactive Boot Camp for Brief Perioperative Cognitive Assessment,” 2018
- e. Emory Emerging Leadership Program, Course supervisor Ann Chinnis, 2018
- f. Society for Neuroscience in Anesthesiology and Critical Care (SNACC) annual meeting, “Taking the Mystery Out of Curriculum Development-The Six Steps” session, 2019
- g. Emory Department of Anesthesiology, MENTOR ME program, 2020
 - a. “Coaching Your Mentee” workshop, Course supervisor Karen Souter, 2020
- h. Society for Neuroscience in Anesthesiology and Critical Care (SNACC). “Symposium on Diversity, Equity and Inclusion” for Division Chiefs and Fellowship Directors, 2020
- i. Emory Research Survival Skills series: “How to Be a Leader,” 2020

13. Committee Memberships:

- a. National Society Leadership:
 - i. Neurocritical Care Society, Working group for the first edition of the Elevated ICP and Herniation Algorithm for the Neurocritical Care Society’s Emergency Neurological Life Support (ENLS) Program, 2010-2011
 - ii. SNACC, Ad hoc participant in Neuroanesthesiology Milestones Taskforce, 2016
 - iii. SNACC Membership Committee, 2017-present
 - iv. SNACC Education Committee, 2017-present
 - a. Experts’ Audio Corner subcommittee, 2017-present
 - v. NCS, Member of Writing Committee, Cerebral Edema Guidelines, 2018-2020
 - vi. American Society of Anesthesiologists Committee on Neuroanesthesiology, 2018-2022
 - vii. American Society of Anesthesiologists Abstract Review Subcommittee on Clinical Neurosciences, 2019-2020
 - a. Moderator, Clinical Neuroscience Session 2, ASA annual meeting 2020
 - viii. SNACC Trainee Engagement Committee, 2019-present
 - a. Lead, Resident curriculum working group, 2019-2021

- i. Basic rotation “Neuroanesthesia classroom” published online.
<https://www.snacc.org/fellows-and-residents/neuroanesthesia-classroom/>, 2020-present
 - b. Working group, advisor, EVD training module development
 - c. Moderator, TEC reception. SNACC annual meeting, 2021
 - d. **Chair, Trainee Engagement Committee**, 2021-present
 - ix. American Society of Anesthesiologists Educational Track Subcommittee on Neuro Anesthesia, 2020-2022
 - b. Regional Committee Leadership:
 - i. Georgia Society of Anesthesiologists Program and Education Committee, 2017-present
 - c. Institutional Committee Membership:
 - i. University of Maryland Pediatric Critical Care Program Internal Review, 2003
 - ii. JHH, Neurocritical Care Division Resident Education Committee, 2007-2009
 - iii. JHH ACCM Compensation Committee, 2009
 - iv. JHH Ad Hoc Member Critical Care Committee, Member of Technology Subcommittee, 2010-2012
 - a. Physician champion, Subglottic Suction Endotracheal Tube, JHH, 2011-2012
 - v. EUH OR-ICU Handoff Working Group, 2017-2019
 - vi. Emory Department of Anesthesiology Education Committee, 2016-2019
 - a. Subcommittee for Orientation and Ongoing Didactics, 2017-2018
 - vii. EUH Stroke Leadership Committee, 2016-present
 - viii. EUH Neurosurgery Infection Prevention Committee, 2017
 - ix. EUH VAP CT Surgery Stroke Committee, 2017
 - x. EUH OR Culture Assessment Focus Group, 2017
 - xi. EUH OR Committee, Quality Subcommittee, 2018-2021
 - xii. EUH Feedback/Evaluation Task Force, 2020
 - xiii. EUH Board Review Curriculum Task Force, 2020
 - xiv. EUH Multispecialty working group: Awake craniotomy and cortical mapping clinical protocol standardization, 2020-present
 - xv. EUH Neuroanesthesiology Committee, 2020-present
 - xvi. EUH Neuroanesthesiology Clinical Competency Committee, 2020-2021
 - xvii. EUH Neuroanesthesiology Program Evaluation Committee, 2020-2021
 - xviii. EUH Ad Hoc Selection Committee Vice Chairman of Education, 2021-2022
 - xix. EUH Department of Anesthesiology Education Committee, 2021-2022
14. Peer Review Activities:
 - a. Grants
 - i. National and International: Systems-Based Neurotechnology for Emerging Therapies (SUBNETS) project, DARPA, 2013-2014
 - b. Manuscript Reviewer:
 - i. *Journal of Neurosurgical Anesthesiology*, 2012, 2020-present
 - ii. *Journal of Clinical Anesthesia*, 2013
 - iii. *Neurocritical Care*, 2014-present
 - iv. *Scientific Reports*, 2018-present
 - v. *Critical Care*, 2019-present

- c. Conference Abstracts:
 - i. National and International:
 - a. American Society of Anesthesiologists abstract reviewer for Clinical Neurosciences, 2020 national meeting
 - ii. Regional:
 - a. Georgia Society of Anesthesiologists, Biannual meeting, abstract reviewer, 2016-present

- 15. Consultantships:
 - Legal consultant, Thomson Reuters, 2012-2016

 - Independent consultant for Science and Technology Associates (STA), Inc. STA, Inc provided Systems Engineering and Technical Assistance (SETA) contractors to the DSO division of DARPA, 2013-2014

 - Independent physician consultant (part-time) for Parexel, International, Early Phase Clinical Unit, Baltimore, MD, 2014
 Transition to Research physician (full time) for Parexel, International Early Phase Clinical Unit, Baltimore, MD. Functioned as Principal Investigator and Sub-Investigator on phase 1 studies to include first in human, bioequivalence/bioavailability, QTc, drug-drug interaction, food effect, and dose escalation studies in normal healthy volunteers, as well as proof of concept phase 2 studies in patient populations (Parkinson's disease, Alzheimer's disease, Stroke, Asthma). Total exposure to approximately 40 clinical studies, 2014-2015

 - Team lead, Masimo technology working group, EUH, 2018-2019

 - Physician member, Advisory board, Vistendo (CEO: Isabel Gutierrez), 2019-2020
 Consultant for grant awarded by the Defense Health Agency (DHA) on project titled "Portable, Oculomotor and Multi-sensing Assessment System (POMAS)"
 Consultant for grant awarded by Defense Health Agency (DHA), 2021-present.
 Titled "Portable Oculomotor Multisensing Assessment System"

- 16. Honors and Awards:
 - a. "Dr. Joe DeCenzo Award" awarded to one medical student for excellence in Obstetrics and Gynecology, 2001

 - b. Awarded stipend to attend Stroke Fellows Workshop in Orlando, Florida, 2003

 - c. Contribution made to the "Friends of Medicine" program in my honor, Fund for Johns Hopkins Medicine, 2009

 - d. Subspecialty Teacher of the Year, EUH Department of Anesthesiology, 2017

 - e. Neurocritical Care Fellow Teaching Award, Department of Neurology and Neurosurgery, EUH, 2020-2021

- 17. Society Memberships:

American Academy of Neurology, 2003-2005, 2015-2016
Society of Critical Care Medicine, 2007-2019
Maryland Society of Anesthesiologists, 2009-2015
American Society of Anesthesiologists, 2009-present
International Anesthesia Research Society, 2011-2012, 2017-2019
The Georgia Society of Anesthesiologists, 2016-present
Neurocritical Care Society, 2016-present
Society of Neuroscience in Anesthesiology and Critical Care, 2016-present
Medical Association of Georgia, 2017-present

18. Organization of Conferences:

- a. National and International:
 - i. Administrative Positions:
 - a. Assistant Director, Fourth annual Neurocritical Care for the Medical and Surgical Intensivist, sponsored by JHH, Department of ACCM, 2012.
 - ii. Sessions as Chair:
 - a. Director, Simulation session, the Brain Code, Third and Fourth annual Neurocritical Care for the Medical and Surgical Intensivist, sponsored by JHH, Department of ACCM, 2011-2012.
- b. Regional
 - i. Co-Founder and Co-Director, Health Career Convention, University of Florida Premedical AMSA (<https://www.uflamsa.com/hcs>), 1995-1996

19. Clinical Service Contributions:

- a. Neurosurgical Anesthesiology Division Chief, Johns Hopkins Bayview Hospital, 2010-2011
 - i. Liaison to Neurosurgery department and Neurocritical Care division
 - ii. Created perioperative management guidelines in neuroanesthesiology
- b. Program director, Acute Neurosciences Research Conference-weekly CME accredited conference for the NCCU division of the Johns Hopkins ACCM department, 2011-2012
- c. Neurosurgical Anesthesiology Division Chief, EUH, 2016-present
 - i. Developed Neuroanesthesiology subspecialty group, 2016
 - ii. Clinical Pathway Development Leader, EUH Department of Anesthesiology, Review of evidence-based literature in neuroanesthesiology with faculty and staff of the division through formal division meetings, 2016-2017
 - iii. Created neuroanesthesiology case protocols, published on the EUH anesthesiology website, 2017
 - iv. Identify and distribute article of the month, 2017-present
 - v. Facilitates daily neurosurgical case assignment, 2017-present
 - vi. Liaison to Neurocritical Care division and Neurosurgery department
 - a. Quarterly meetings with Neurosurgery chairman, 2017-present
 - vii. Developed and organizer of joint neurosurgical-anesthesiology conference, 2017-2021
 - viii. Developed and supervise all educational rotations in the operating room for neurosurgical residents and neurocritical care fellows, 2017-present
 - ix. Examined and reworked OR to ICU handoff procedure, 2017-present

- x. Initiated QI project on neuroanesthesiology resident curriculum development, EUH. Rebuild entire rotation curriculum to include weekly AM PBLD's, incorporation of SNACC education material, editing of the 20/20 intraoperative teaching topics and creation of an answer key for faculty. Outcomes will be measured by change in ITE scores and pre/post-test results, 2019-present
20. Formal Teaching:
- a. Medical Student Teaching:
 - i. Case conference: post-operative delirium. Classroom instruction to first year students, JHH, 2012, 2 hours
 - ii. Emergency airway tutorial. EUH, 2016-2017, 2 hours/yr
 - iii. Group leader: Capstone Pharmacy Review Course, EUH, 2019, 3 hours
 - b. Graduate Programs:
 - i. Residency:
 - a. Designed laminated pocket cards: "Treatment of Intracranial Hypertension, and Herniation" and "Guide to Meningitis Management," JHH, 2008
 - b. Developed orientation program for incoming JHH neurocritical care residents, 2008-2009
 - c. Workshop station leader-airway management; annual multidisciplinary airway course. JHH Simulation Center, 2009-2011, 2 hours/yr
 - d. "Intracranial Hypertension: Everything you need to know," Lecture to JHH Neurology residents, 2012, 1 hour
 - e. Created evidence-based, educational syllabus for anesthesia residents in the JHH Preoperative Evaluation Center, 2012-2013
 - f. Co-leader simulation session on infant difficult airway during multidisciplinary airway course. JHH Simulation Center, 2013, 2 hours
 - g. Morgan and Mikhail lecture to first year anesthesia residents. Neuromuscular disease, EUH, 2016-2017, 1 hour/yr
 - h. Anesthesia resident key words discussion. EUH, 2016-2017, 1 hour x 3
 - i. Mock oral boards examiner. EUH anesthesia residents, 2016-current, 2 hours x 10
 - j. Anesthesia pro-con debate, Nitrous oxide in neurosurgery. EUH, 2017, 1 hour
 - k. Written board review, Neuroanesthesiology, EUH, 2017-2018, 1 hour/yr
 - l. Intraoperative Hypertension, Hypotension, and Hypoxia. Orientation lecture, EUH, 2017-present, 1 hour/yr
 - m. Neurosurgical subspecialty Journal club: Role of dexmedetomidine for post-craniotomy pain. EUH, 2017, 1 hour
 - n. Developed month long rotation and supervised anesthesiology resident rotation in the neurocritical care unit, EUH, 2018-present
 - o. Neurosurgical subspecialty Journal club: Treatment of cerebral edema during craniotomy for tumor. EUH, 2018, 1 hour
 - p. Neurosurgical subspecialty Journal club: Review of hypothermia post cardiac arrest concentrating on targeted temperature management for 48 vs 24 hours, EUH, 2018, 1 hour
 - q. Anesthesiology Journal club: Use of midazolam, dose response and amnesia, EUH, 2018, 1 hour
 - r. Anesthesia neurophysiology review. EUH, 2019, 1 hour
 - s. Neurosurgical subspecialty Journal club: Succinylcholine for intubation after TBI, EUH, 2019, 1 hour

- t. Case-based learning in neuroanesthesia. EUH, 2019, 1 hour
 - u. Co-leader, Emergency cricothyroidotomy workshop. EUH, 2019, 2 hours
 - v. "Scalp blockade." Lecture to regional pain division including residents. EUH, 2019, 1 hour
 - w. "Basics of Neuroanesthesiology," Lecture to CA2-3 anesthesiology residents, 2019-present, 1 hour/yr
 - x. Neuroanesthesiology PBLD CA 2-3 anesthesiology residents, 2020, 2 hours
 - y. Subarachnoid hemorrhage PBLD, neuroanesthesiology resident rotators, 2020-present, 30 minutes/month
 - z. "The Awake Craniotomy," Co-presenter. Lecture to anesthesiology residents, 2020, 1 hour
 - aa. Anesthesiology Case Conference, Co-lead small group, 2020-present, 30 min x 4
 - ab. Neuroanesthesia key words conference, EUH, 2021, 30 min x 1
 - ac. Advanced Neuroanesthesia topics, EUH, 2022, 90 min x 1
- ii. Fellowship:
- a. "Cerebral Resuscitation: Management of Elevated ICP and Brain Edema," JHH Neurocritical Care Fellow lecture, 2009, 1 hour
 - b. "Outcome predictors and Spectrum of Treatment Eligibility with Prospective Protocolized Management of Intracerebral Hemorrhage," JHH Neurocritical Care Fellow and Faculty journal club, 2009, 1 hour
 - c. "The Diagnosis and Management of Sepsis," JHH Neurocritical Care Fellow lecture, 2009, 1 hour
 - d. Established the first Simulation Center Educational Program for the Johns Hopkins Neuro Critical Care Fellowship Program. Seminars modified and extended to SICU fellows, pulmonary critical care fellows, and neurology residents. 2009-2013
 - i. Sessions included acute airway management, invasive procedures, brain code 1&2, BLS/ACLS, and acute coronary syndrome and miscellaneous emergencies
 - e. "Management of the Brain Code." Recurrent lecture as part of annual Simulation Center educational program, JHH Neurocritical Care Fellow lecture, 2009-2013, 1 hour/yr
 - f. "Mechanical Ventilation," JHH Neurocritical Care Fellow lecture, 2010, 1 hour
 - g. "ICP and the Intricacies of Neuroanesthesia," JHH Neurocritical Care Fellow lecture, 2010, 1 hour
 - h. Developed program and supervisor: Eight-week OR rotation in anesthesiology, Neuro ICU fellowship, EUH, 2016-present
 - i. "Pharmacology of Airway Management," EUH Neuro ICU fellow and faculty lecture, 2016-2018, 1 hour/yr
 - j. "Perioperative Management of Subarachnoid Hemorrhage," EUH Neuro ICU fellow and faculty lecture, 2016, 1 hour
 - k. "Pupillometer," EUH Neuro ICU fellow and faculty lecture, 2017, 1 hour/yr
 - l. "Neuromonitoring in TBI," EUH Critical Care Medicine fellow lecture, 2019, 1 hour
 - m. "Clinical Utility of Pupillary Assessment," EUH Neuro ICU fellow and faculty lecture, 2019, 1 hour
 - n. "Pharmacology of Airway Management: Is the ICU Any Different?," EUH Neuro ICU fellow and faculty lecture, 2020-1, 1 hour/yr

- c. Other Teaching:
 - i. "Arterial Pressure Monitoring." Co-lecturer to Nurse Practitioner Students, JHH School of Nursing, 2007, 1 hour
 - ii. Organized fiberoptic intubation class to rotating SRNA's at the JHH Simulation Center, 2010, 2 hours
 - iii. Created a simulation program on the brain code for Lifeline ("Purple People"), JHH, 2011, 2 hours
 - iv. "Vascular Access Devices," Nurse Practitioner Students, JHH School of Nursing, November 2011, 1 hour
 - v. Review of Neuroanesthesiology, AA students. EUH, June 2017, 2 hours

21. Supervisory Teaching:

- a. Attendings:
 - i. Milad Sharifpour, 2019-present, Career development. Current position: Assistant Professor, Vascular subspecialty division director, EUH.
 - ii. Ian McCullough, 2020-present, MENTOR ME program. Current position: Assistant Professor, EUH.
- b. Postdoctoral Fellows:
 - i. Manjunath Markandaya, 2008-2010, Neurointensive care, JHH. Career direction. Research project: Physiology of bolus 23.4% hypertonic saline in intracranial hypertension. Current position: Medical Director, Stroke and Neurosciences Intensive Care Unit and Program, Vidant Medical Center.
 - ii. Yama Akbari, 2010-2012, Neurointensive care, JHH. Research project: Physiology of bolus 23.4% hypertonic saline in intracranial hypertension. Current position: Assistant professor, University of California, Irvine Medical Center.
 - iii. Anthony Frattalone, 2011-2013, Neurointensive care, JHH. Research project: Physiology of bolus 23.4% hypertonic saline in intracranial hypertension. Current position: Attending physician at Brooke Army Medical Center.
 - iv. Wendy Chang, 2012-2013, Neurointensive care, JHH. Research project: NPO practice in the ICU. Created questionnaire distributed to multiple national ICU societies. Data presented a poster at Neurocritical Care Society meeting. Current position: Assistant professor, University of Maryland.
 - v. Zheng Lan, 2017-2019, Neurointensive care, EUH. Supervised his anesthesiology clinical rotation and mentored him through his career transition from neurosurgery to neurology. Current position: Neurology resident, SUNY Downstate Medical Center.
 - vi. Sumaiya Khondker, 2021-present, Neurointensive care, EUH. Mentorship program. Fellow, EUH.
 - vii. Jimmy Suh, 2021-present, Neurointensive care, EUH. Mentorship program. Fellow, EUH.
- c. Residency Program:
 - i. Stacey Lin, 2016-2018, Anesthesiology, EUH. QI project evaluating outcomes and need for ICU care in patients after craniotomy. Current position: private practice in NY.
 - ii. Chia Winchester, 2017-2019, Anesthesiology, EUH. Career development. First resident to enroll in and complete a rotation in neurocritical care at EUH. Co-authored a book chapter on post-craniotomy pain. Current position: Assistant Professor, EUH.

- iii. Victoria Melanson, 2018-present, Anesthesiology, EUH. Reported case series on a novel regional block for infratentorial neurosurgery. Poster presented at the 2019 Emory Quality Conference and the 2019 SNACC national meeting. Converting series to a case-control study with manuscript preparation in progress. Current position: Assistant Professor, Grady Memorial Hospital
 - iv. Ian McCullough, 2019-current, Anesthesiology, EUH. Clinical trial development through manuscript preparation and acceptance on opioid-free anesthetic for craniotomy. Career development through formal faculty mentorship program. Current position: Assistant Professor, EUH.
 - v. Will Shteamer, 2020-2021, Anesthesiology, EUH. Contributing to case-control series for infratentorial craniotomy and opioid-free supratentorial craniotomy projects. Current position: Anesthesiology resident, EUH.
 - vi. Kevin Lay, 2020-2021, Anesthesiology, EUH. MENTOR ME program. Current position: Anesthesiology resident, EUH.
 - vii. Bryan Nycz, 2020-current, Anesthesiology, EUH. Abstract submission to the ASA and SNACC. Case report submission. Current position: Anesthesiology resident, EUH.
- d. Other:
- i. Ilijas Gusmirovic (Medical student from Kansas City University of Medicine) Externship JHH Department of Anesthesiology. Current position: partner at Anesthesia Partner LTD in Clayton, MO. 2010.
 - ii. Grace Edgerton (Undergraduate, Emory University). Participated in the Anesthesiology Observership Program, Emory Healthcare, 2017. Research assistant: collected pupillometry QI data in 2017 and PACU delirium data in 2018. She continued work on the PACU delirium project and registered for 3 hours of research credit through Emory University (NBB499 course) in the fall 2018 where I served as faculty mentor and advisor. Current position: Esteem graduate program at University of Notre Dame. 2017-2019.
 - iii. Katherine Neely Lanier (Nurse clinician, Neurosurgical ICU), Anesthesiology Observership Program, Emory Healthcare, 2018.
 - iv. Alex Stevenson (Nurse clinician, Neurosurgical ICU), Anesthesiology Observership Program, Emory Healthcare, 2018.
 - v. Kaleb Flores (Undergraduate, Kennesaw State) Anesthesiology Observership Program, Emory Healthcare, 2019.
 - vi. Parth Patel (Medical student, Mercer School of Medicine). Worked on PACU delirium project collecting and analyzing data. Submitted abstracts, which were accepted to both the ASA and SNACC. Formatted presentations for virtual format.
 - vii. Paige Santee (Undergraduate, Emory University). Participated in the Anesthesiology Observership Program, Emory Healthcare, 2020. Worked on the PACU delirium project as a research assistant and registered for 3 hours of research credit through Emory University (NBB499 course) where I served as faculty mentor and advisor, fall 2019. Registered for an additional 3 hours of research (BIOL 499R) at Emory University, where I once again served as faculty mentor and advisor, spring 2020.
 - viii. Haley Claudio (Nurse clinician, Neurosurgical ICU), Anesthesiology Observership Program, Emory Healthcare, 2019.

22. Lectureships, Seminar Invitations, and Visiting Professorships:

- a. National and International:
 - i. "The Basic Science Behind Osmotherapy." Visiting Professor, University of California San Diego. April 2013
 - ii. "The ENLS Approach to Emergency Neurology: Applications to Anesthesia & Future Directions." Visiting Professor, **Grand Rounds**, University of California San Diego. April 2013
 - iii. "Awake Craniotomy: GA or MAC?" **Virtual Grand Rounds**, University of Arizona Tucson. August 2021
- b. Regional:
 - i. "The ENLS Approach to Emergency Neurology: Clinical Applications and Open Questions." **Grand Rounds**, MedStar Washington Hospital Center Department of Anesthesiology, February 2013
- c. Institutional:
 - i. "Proposed NPO guidelines for Critically Ill Patients." Problem Based Learning Discussion (PBLD) Conference, Johns Hopkins Department of ACCM, August 2010
 - ii. "The Right Hemispheric Stroke and Risk Factors for Perioperative Stroke." Problem Based Learning Discussion (PBLD) Conference, Johns Hopkins Department of ACCM, March 2011
 - iii. "The History of Neuroanesthesiology and its continuum: the neuro ICU." **Grand Rounds**, EUH Department of Neurosurgery, June 2016
 - iv. "Anesthesia for Cerebral Aneurysms and AVMs." AM Conference, EUH Department of Anesthesiology, September 2016
 - v. "Neuro 101." Co-presenter, AM Conference, EUH Department of Anesthesiology, August 2017
 - vi. "Neuro Vignettes: management of complex cases and emergencies," Co-presenter, AM Conference, EUH Department of Anesthesiology, June 2018
 - vii. "Intracranial Neuromonitoring: Inside Out." **Grand Rounds**, EUH Department of Anesthesiology, September 2018
 - viii. "The Unknowns of Anesthesia for Aneurysm Clipping." Neurosurgery/Anesthesia department joint conference, EUH, December 2018.
 - ix. "Neuroanesthesiology Across Emory." Anesthesiology Education Faculty Town Hall, EUH, October 2020
 - x. "Critical Concepts in Neuroanesthesia." Expert lecture series, EUH Department of Anesthesiology, March 2021

23. Invitation to National/International, Regional, and Institutional Conferences:

- a. National and International:
 - i. "Introduction to Brain Code." Fourth Annual Neurocritical Care for the General and Surgical Intensivist, Baltimore, MD. March 2012.
 - ii. "Do the eyes have it? Clinical applications of pupillometry and optic nerve monitoring." 60-minute panel session, podium talk, ASA annual meeting, Orlando, FL. October 2019.
 - iii. "Multimodal Analgesia for Craniotomy: Moving Toward an Opioid-free Technique." 60-minute Snap-talk panel session. Organizer, moderator and lead speaker: "Overview of Post-Craniotomy Pain." ASA annual meeting, October 2020 (talk not presented due to truncated program during COVID pandemic).

- iv. "Pain Management in the Neurocritical Care Unit." 60-minute panel session. SNACC annual meeting (virtual), September 2021.
 - v. "Intracranial Pressure." International Council for Perioperative Neurosciences Training (ICPNT) workshop (lecture and Q&A for 5 groups). SNACC annual meeting (virtual), September 2021.
 - vi. "Multimodal Analgesia for Craniotomy: Moving Toward an Opioid-free Technique." 60-minute Snap-talk panel session. Organizer, moderator and lead speaker: "Overview of Post-Craniotomy Pain." ASA annual meeting, San Diego, CA. October 2021. Selected to be included in "Anesthesiology Annual Meeting on Demand" as a CME eligible session.
 - vii. "Overview of Post-Craniotomy Pain." 10-minute TED talk. ASA annual meeting, San Diego, CA. October 2021.
 - viii. "Time is Brain: Mitigating Neurologic Emergencies in the Operating Room." 60-minute Snap-talk panel session. Moderator. ASA annual meeting, San Diego, CA. October 2021. Designated as Patient Safety MOCA Part 2 credit eligible.
 - ix. "ALERT! What Do I need to Do About Intraoperative Neurophysiologic Monitoring." 60-minute Snap-talk panel session. Speaker: "Processed EEG-beyond the algorithm." ASA annual meeting, San Diego, CA. October 2021. Selected to be included in "Anesthesiology Annual Meeting on Demand" as a CME eligible session.
- b. Regional:
- i. "Neuroanesthesia Potpourri." Invited lecture, Georgia Society of Anesthesiologists annual winter meeting, Atlanta, GA. February 2019.

24. Abstract Presentations at National/International, Regional, and Institutional Conferences:

- a. National and International:
- i. "The Safety and Efficacy of Hypertonic Saline In An Acute Embolic Stroke Model in Wistar Rats." **Papangelou A**, Mirski MA, Koehler RC, Toung TJK*. American Society of Anesthesiology annual meeting, New Orleans, LA, 2009 (poster)
 - ii. "Change in the Rate of Ventilator Associated Pneumonia With Quality Improvement Interventions in a Neurointensive Care Unit." **Papangelou A***, Nyquist A, Zink E, Desnoo L, Ziai W. Neurocritical Care Society annual meeting, New Orleans, LA, 2009 (poster)
 - iii. "Hypertonic Saline and Furosemide: Comparison of Diuresis and Tissue Water Content in Volume Treated Rats." **Papangelou A**, Mirski MA, Toung TJK*. American Society of Anesthesiology annual meeting, San Diego, CA, 2010 (poster)
 - iv. "Comparison of Equal Volumes and Equalosmolar Mannitol and Hypertonic Saline on Tissue Water Content in Normal Rats. How Does Furosemide Change the Potency of Hypertonic Saline?" Wang LC*, **Papangelou A**, Mirski MA, Toung TJK. American Society of Anesthesiology annual meeting, San Diego, CA, 2010 (poster)
 - v. "Increasing anesthetic duration in association with lower arterial blood pressure following embolic stroke increases BBB disruption in rats." Toung TJK*, Guang X, **Papangelou A**, Koehler R. American Society of Anesthesiology annual meeting, Chicago, IL, 2011 (poster)
 - vi. "Cerebral Dehydrating Effects of 6% Hypertonic Saline Is Equipotent to 25% Mannitol in Rats." Mirski MA*, **Papangelou A**, Chuang TY, Toung TJK. American Society of Anesthesiology annual meeting, Chicago, IL, 2011 (poster)

- vii. "NPO Practice in Critically Ill Populations." Chang W*, Gill R, Lipsett P, **Papangelou A**. Neurocritical Care Society annual meeting, Denver, CO, 2012 (poster)
- viii. "Increasing anesthetic duration in association with lower arterial blood pressure following embolic stroke increases blood-brain barrier disruption in rats." Toung TJK*, Liu X, **Papangelou A**, Koehler R. American Society of Anesthesiology annual meeting, San Francisco, CA, 2013 (poster)
- ix. "Description of Transtentorial Herniation by Automated Pupillometry." Chang W, **Papangelou A***, Zink E, Frattalone A, Gergen D, Gottschalk A, Geocadin R. Neurocritical Care Society annual meeting, Philadelphia, PA, 2013 (poster)
- x. "Drug-drug interaction study of tafenoquine and the ACTs DHA-piperazine (DHA-PQP) and artemether-lumefantrine (AL)." Green JA*, Mohamed K, Goyal N, Wolstenholme A, Taylor M, Buckley R, Jones S, Hussaini A, **Papangelou A**, Kostov I, Koh G, Duparc S. American Society of Tropical Medicine and Hygiene annual meeting, Baltimore, MD, 2015 (poster)
- xi. "Serum chloride as a biomarker for SAH patients at risk for acute kidney injury: Preliminary results from the ACETatE trial." Sadan O*, Singbartl K, Kraft J, Plancher JM, Kandiah P, Pimentel C, Hall CL, **Papangelou A**, Asbury W, Hanfelt J, Samuels O. Neurosciences in Critical Care International Symposium, Washington D.C., 2019 (poster and platform presentation).
- xii. "Utilization of the Preoperative Superficial Cervical Plexus Block and Scalp Block on Intraoperative and Postoperative Pain for Retrosigmoid Craniotomies." Melanson V*, Curtis C, Kelly S, Olson J, **Papangelou A**. Society For Neuroscience In Anesthesiology and Critical Care annual meeting, Phoenix, AZ, 2019 (poster).
- xiii. "A low ChloridE hypertonic solution for brain Edema (ACETatE) trial." Sadan O*, Singbartl K, Kraft J, Plancher JM, Kandiah P, Pimentel C, Hall CL, **Papangelou A**, Asbury W, Hanfelt J, Samuels O. Society of Critical Care Medicine annual meeting, Orlando, FL, 2020 (poster).
- xiv. "A novel method for identifying cognitive vulnerability in the preoperative setting, feasibility and pilot results." Patel P*, Sharifpour M, Boorman D, McCliment M, Edgerton H, Santee P, Egan K, Atkins R, Garcia P, **Papangelou A**. Society For Neuroscience In Anesthesiology and Critical Care annual meeting, Virtual, 2020 (ePoster).
- xv. "A novel method for identifying cognitive vulnerability in the preoperative setting, feasibility and pilot results." Patel P*, Sharifpour M, Boorman D, McCliment M, Edgerton H, Santee P, Egan K, Atkins R, **Papangelou A**, Garcia P. American Society of Anesthesiology annual meeting, Virtual, 2020 (ePoster).
- xvi. "Anterior Tilt of Thyroid Cartilage Leading to Difficult Intubation." Medically Challenging Case. Yao E*, Willingham E, Papangelou A. American Society of Anesthesiology annual meeting, Virtual, 2020 (ePoster).
- xvii. "Critical Hemispheric Asymmetry Captured by Processed Electroencephalogram During General Anesthesia." Nycz B*, Dean C, **Papangelou A**. Society For Neuroscience In Anesthesiology and Critical Care annual meeting, Virtual, 2021 (ePoster).
- xviii. "Critical Hemispheric Asymmetry Captured By Processed Electroencephalogram During General Anesthesia." Nycz B*, Dean C, **Papangelou A**. American Society of Anesthesiology annual meeting, San Diego, CA, 2021 (poster).
- xix. "A Case of Serotonin Toxicity Following Intraoperative Fentanyl Administration." Jaiyeola, C*, Kim A, Papangelou A. International Anesthesia Research Society, Honolulu, HI, 2022 (poster).

- b. Institutional
 - i. “The Safety and Efficacy of Hypertonic Saline In An Acute Embolic Stroke Model in Wistar Rats.” **Papangelou A***, Mirski MA, Koehler RC, Toung TJK. 11th Annual Johns Hopkins ACCM Research Day, Baltimore, MD, 2009 (poster)
 - ii. “Change in the Rate of Ventilator Associated Pneumonia With Quality Improvement Interventions in a Neurointensive Care Unit.” **Papangelou A***, Nyquist A, Zink E, Desnoo L, Ziai W. 11th Annual ACCM Research Day, Baltimore, MD, 2009 (poster)
 - iii. “Hypertonic Saline and Furosemide: Comparison of Diuresis and Tissue Water Content in Volume Treated Rats.” **Papangelou A***, Mirski MA, Toung TJK. 12th Annual ACCM Research Day, Baltimore, MD, 2010 (poster)
 - iv. “Comparison of Equal Volumes and Equalosmolar Mannitol and Hypertonic Saline on Tissue Water Content in Normal Rats. How Does Furosemide Change the Potency of Hypertonic Saline?” Wang LC, **Papangelou A***, Mirski MA, Toung TJK. 12th Annual ACCM Research Day, Baltimore, MD, 2010 (poster)
 - v. “Increasing anesthetic duration in association with lower arterial blood pressure following embolic stroke increases BBB disruption in rats.” Toung TJK*, Guang X, **Papangelou A**, Koehler R. 13th Annual ACCM Research Day, Baltimore, MD, 2011 (poster)
 - vi. “Cerebral Dehydrating Effects of 6% Hypertonic Saline Is Equipotent to 25% Mannitol in Rats.” Mirski MA, **Papangelou A***, Chuang TY, Toung TJK. 13th Annual ACCM Research Day, Baltimore, MD, 2011 (poster)
 - vii. “NPO Practice in Critically Ill Populations.” Chang W*, Gill R, Lipsett P, **Papangelou A**. 14th Annual ACCM Research Day, Baltimore, MD, 2012 (poster)
 - viii. “Comparison of High Tonicity Hypertonic Saline and Furosemide: Effect on Natriuresis, Diuresis and Tissue Water Content in Hypervolemic Rats.” **Papangelou A**, Mirski MA, Toung TJK*. 18th Annual ACCM Research Day, Baltimore, MD, 2016 (poster)
 - ix. “Utilization of the Preoperative Superficial Cervical Plexus Block and Scalp Block on Intraoperative and Postoperative Pain for Retrosigmoid Craniotomies.” Melanson V*, Curtis C, Kelly S, Olson J, **Papangelou A**. Emory Quality Conference, Atlanta, GA, 2019 (poster)

25. Research Focus:

My early research focused on the management and early detection of transtentorial herniation and intracranial hypertension. The work centered on hypertonic saline in clinical and the laboratory settings. My current research efforts involve neuromonitoring, including automated pupillometry, and PACU delirium. I have secondary interests in scalp blockade and post-craniotomy pain.

26. Grant support:

a. Active Support

i. Other:

- a. PI, Team Based Science (TBS) grant. “Clinical Investigation of an Eye-Tracking Device as a Predictor of Delirium in the Recovery Room after Surgery with General Anesthesia” Institutional, \$35,000, 2018.

b. Previous Support

- i. PI, Neuroptics. "A prospective evaluation of automated pupillometry compared to conventional pupillary assessment in detection of clinical brain herniation in the ICU." Unrestricted medical grant (Industry), \$20,000. 2012.
- ii. PI, Shirley Sohmer award. "A prospective evaluation of automated pupillometry compared to conventional pupillary assessment in detection of clinical brain herniation in the ICU." Institutional, \$1,000, 2012.

27. Bibliography:

- a. Published and Accepted Research Articles:
 - i. Martinez H, Zoarski G, Obuchowsky A, Stallmayer B, **Papangelou A**, Airan-Javia S. "Mechanical thrombectomy of the internal carotid artery and middle cerebral arteries for acute stroke by using the retriever device." *American Journal of Neuroradiology*. 2004 Nov/Dec;25(10):1812-1815. PMID 15569753.
 - ii. **Papangelou A**, Ziai W. "The Birth of Neuro-simulation." *Neurocritical Care*. 2010 Oct; 13(2):167-168. PMID: 20830584.
 - iii. Mirski MA, Pandian V, Bhatti N, Haut E, Feller-Kopman D, Morad A, Haider A, Schiavi A, Efron D, Ulatowski J, Yarmus L, Stevens KA, Miller CA, **Papangelou A**, Vaswani R, Kalmar C, Gupta S, Intihar P, Mack S, Rushing AP, Chi A, Roberts VJ Jr. "Safety, efficiency, and cost-effectiveness of a multidisciplinary percutaneous tracheostomy program." *Crit Care Med*. 2012 Jun; 40(6):1827-1834. PMID 22610187.
 - iv. Stevens RS, Huff JS, Duckworth J, **Papangelou A**, Weingart SD, Smith WS. "Emergency neurological life support: intracranial hypertension and herniation." *Neurocritical Care*. 2012 Sep;17 Suppl 1:60-65. PMID 22936079.
 - v. **Papangelou A**, Toung TJK, Gottschalk A, Mirski MA, Koehler RC. "Infarct Volume after Hyperacute Infusion of Hypertonic Saline in a Rat Model of Acute Embolic Stroke." *Neurocritical Care*. 2013 Feb;18(1):106-114. PMID: 22886394.
 - vi. Wang LC, **Papangelou A**, Mirski MA, Toung TJK. "Comparison of equal volume, equiosmolar solutions of 25% Mannitol and 4.2% Hypertonic Saline with or without Furosemide on brain, lung, skeletal muscles and small bowel water content in normal Rats." *Anesthesiology*. 2013 Apr;118(4):903-913. PMID: 23442754, accompanied by editorial: Todd MM. "Hyperosmolar Therapy and the Brain: A Hundred Years of Hard-earned Lessons" 777-779.
 - vii. **Papangelou A**, Kulikowicz E, Toung TJK. "LMA for Urine Collection in Anesthetized Rats." *Journal of Animal Physiology and Animal Nutrition*. 2017 Jun; 101(3):427-428. PMID: 28304111.
 - viii. **Papangelou A**, Olszanski A, Stein C, Zhang Y, Bosch B, Nemeth P. "The effect of food on the absorption of abiraterone acetate from a fine particle dosage form: A randomized crossover trial in healthy volunteers." *Oncol Ther*. 2017 Dec; 5(2):161-170. DOI 10.1007/s40487-017-0054-2.
 - ix. **Papangelou A**, Zink E, Chang W, Frattalone A, Gergen D, Gottschalk A, Geocadin R. "Automated Pupillometry and the Detection of Clinical Transtentorial Brain Herniation: A Case Series." *Military Medicine*. 2018 Jan;183(1-2):e113-e121. PMID: 29315412.
 - x. Cook A, Jones G, Hawryluk G, Mailloux P, McLaughlin D, **Papangelou A**, Samuel S, Tokumar S, Venkatasubramanian C, Zacko C, Zimmermann L, Hirsch K, Shutter L. "Guidelines for the Acute Treatment of Cerebral Edema in Neurocritical Care Patients." White paper, Neurocritical Care Society. *Neurocrit Care*. 2020, <https://doi.org/10.1007/s12028-020-00959-7>.

- xi. Sadan O, Singbartl K, Kraft J, Plancher J, Greven A, Kandiah P, Pimental C, Hall C, **Papangelou A**, Asbury W, Hanfelt J, Samuels O. "Low-chloride- versus high-chloride-containing hypertonic solution for the treatment of subarachnoid hemorrhage-related complications: The ACETatE (A low ChloridE hyperTonic solution for brain Edema) randomized trial." *Journal of Intensive Care*. 2020, 8:32. <https://doi.org/10.1186/s40560-020-00449-0>
 - xii. McCullough I, Shteamer J, Erwood A, Spektor B, Boorman D, Sharifpour M, Olson J, **Papangelou A**. "Opioid-Free Anesthesia for Craniotomy, A Retrospective Cohort Study." *Journal of Neurosurgical Anesthesiology*. 2021 Sept, <https://doi.org/10.1097/ANA.0000000000000797>
- b. Review articles:
- i. **Papangelou A**, Lewin III JJ, Mirski MA, Stevens RD. "Pharmacological Treatment of Brain Edema." *Current Treatment Options Neurol*. 2009 Jan;11(1):64-73. PMID: 19094838.
 - ii. Schiavi A, **Papangelou A**, Mirski MA. "Preoperative Preparation of the Surgical Patient with Neurological Disease." *Medical Clinics of North America*. 2009 Sept; 93 (5): 1123-1130. PMID: 19665624.
 - iii. Schiavi A, **Papangelou A**, Mirski MA. "Preoperative Preparation of the Surgical Patient with Neurological Disease." *Anesthesiol Clin*. 2009 Dec; 27(4):779-786. PMID: 19942180 (republished from *Medical Clinics of North America*).
 - iv. **Papangelou A**, Radzik BR, Smith T, Gottschalk A. "A review of scalp block for cranial surgery." *J Clin Anes*. 2013 Mar;25(2):150-159. PMID: 23352875.
 - v. Morad A, Farrokh S, **Papangelou A**. "Pain Management in Neurocritical Care; An Update." *Curr Opin Crit Care*. 2018 Apr;24(2):72-79. PMID: 29517981.
- c. Book Chapters:
- i. Seebach J, Gidusko K, Cox L, Bhavsar S, **Papangelou A**, Silver P. "Crisis Management and Resuscitation." *Chapter edited by Thomsen R. Johns Hopkins Anesthesia Handbook*. Heitmiller and Schwengel, eds. 2009 Elsevier, Philadelphia.
 - ii. **Papangelou A**, Mirski MA. "What Are the Risk Factors for Perioperative Stroke?" Chapter 7 in Evidence-Based Practice of Anesthesiology, Second Edition. Fleisher, eds. 2009 Elsevier, Philadelphia
 - iii. **Papangelou A**, Mirski MA. "Risk Assessment and Prevention of Perioperative Stroke." Intensive Care Medicine. Vincent ed. 2010 Springer
 - iv. **Papangelou A**. "My Patient is an Airhead." Case 56 in Core Clinical Competencies in Anesthesiology: A Case-based Approach. Gallagher, Lewis, Schwengel eds. 2010 Cambridge University Press.
 - v. Chang, WT, **Papangelou A**, Mirski MA. "What Are the Risk Factors for Perioperative Stroke?" Chapter 6 in Evidence-Based Practice of Anesthesiology, Third Edition. Fleisher, eds. 2012 Elsevier, Philadelphia
 - vi. Winchester Chia-Lin, **Papangelou A**. "Postoperative pain management after craniotomy." Textbook of Neuroanesthesia and Neurointensive Care, Prabhakar, Ali eds. 2019 Springer.
- d. Manuals, Videos, Computer Programs, and Other Teaching Aids:
- i. Fellows' and Residents' Audio Corner, March 2021. Interviewed for podcast entitled "Anesthetic Considerations for Craniotomy." http://www.snacc.org/wp-content/uploads/2021/03/Final_Mathews_and_Papangelou-music-added-3.mp3

- ii. SNACC bibliography. Senior Co-contributor/curator, Intracranial Pressure section. <https://www.snacc.org/education-corner/bibliography-and-suggested-references/>
- e. Published abstracts:
- i. Green JA, Mohamed K, Goyal N, Wolstenholm A, Taylor M, Buckley R, Jones S, Hussein A, **Papangelou A**, Kostov I, Koh GC, Duparc S. "Drug-Drug Interaction Study of Tafenoquine and The Acts Dihydroartemisinin-Piperaquine (DHA-PQP) and Artemether-Lumefantrine (AL)." American Journal of Tropical Medicine and Hygiene (American Society of Tropical Medicine and Hygiene annual meeting). 2015 Oct; 93(4):368-368. WOS:000412844103204.
 - ii. **Papangelou A**, Olszanski A, Stein C, Zhang Y, Bosch B, Nemeth P. "Absorption of a novel formulation of abiraterone acetate (AA) fine particle (AAFP) under fed and fasted conditions." Journal of Clinical Oncology (American Society of Clinical Oncology annual meeting). 2017 Feb; 35(6). DOI: 10.1200/JCO.2017.35.6_suppl.e606.
 - iii. Melanson V, Curtis C, Kelly S, Olson J, **Papangelou A**. "Utilization of the Preoperative Superficial Cervical Plexus Block and Scalp Block on Intraoperative and Postoperative Pain for Retrosigmoid Craniotomies." J Neurosurg Anesthesiol (Society for Neuroscience in Anesthesiology and Critical Care annual meeting). 2019 Oct; 31(4). DOI: 10.1097/ANA.0000000000000630.
 - iv. Patel P, Sharifpour M, Boorman D, McCliment M, Edgerton H, Santee P, Egan K, Atkins R, Garcia P, **Papangelou A**. "A novel method for identifying cognitive vulnerability in the preoperative setting, feasibility and pilot results." J Neurosurg Anesthesiol (Society for Neuroscience in Anesthesiology and Critical Care annual meeting). 2020 Oct; 32(4). DOI: 10.1097/ANA.0000000000000722.
 - v. Nycz B, Dean C, **Papangelou A**. "Critical Hemispheric Asymmetry Captured by Processed Electroencephalogram During General Anesthesia." J Neurosurg Anesthesiol (Society for Neuroscience in Anesthesiology and Critical Care annual meeting). 2021 Oct; 33(4). DOI: 10.1097/ANA.0000000000000800
- f. Other publications:
- i. **Papangelou A**, Ham M, Miyamoto MM. "Variation of Multilocus Minisatellite DNA Fingerprints in Avian Populations." *Zoological Studies*. 1998;37(3):161-168.
 - ii. Rajan S and **Papangelou A**. "Neuroanesthesiology classroom-A SNACC based resource for Neuroanesthesia rotation during residency." SNACC newsletter. March 2021.
 - iii. Dean C and **Papangelou A**. "How I do it: Scalp Block." ASRA newsletter. 2021.

28. Contributions Not Otherwise Noted:

Basic Life Support Provider, 2001-present

Advanced Cardiac Life Support Provider, 2001-present

Advanced Trauma Life Support Certified, 2008-2012

Advanced Cardiac Life Support Instructor, 2009-2014

Secret clearance with the US government, 2013-2023