

William James Schreiter, Ph. D.
5220 Essen Lane
Baton Rouge, LA 70809
Office: 225-526-1719
E-mail: william.schreiter@franu.edu

Education

2005-2013	Louisiana State University ▪ Ph. D., Organometallic Chemistry ▪ Dissertation: <i>Investigations into Alkene Hydration and Alkene Oxidation Catalysis</i>	Baton Rouge, LA
2000-2004	Lawrence University ▪ Bachelor of Arts, Chemistry ▪ Thesis: <i>Synthesis & Characterization of PMMA Nanospheres and Inverse Photonic Crystals</i> ▪ <i>Cum laude</i> in Independent Study	Appleton, WI

Professional Experience

06/2017-present	Faculty: Franciscan Missionaries of Our Lady University ▪ Assistant Professor and Research Director; Promoted to Associate Professor in 2023 ▪ Didactic Experience – ANES 7310 Physical Science in Nurse Anesthesia; NURS 7370 Translational Research; NURS 6315 Advanced Practice Nursing Research and Evidence-Based Practice; ANES 7360 DNP Project I; DNP Project Chair, NURS 6350 Theoretical and Philosophical Foundations of Nursing Science, ANES 7200 DNP Project II, ANES 7100 DNP Project III, ANES 7800 DNP Project, IPGC 6315 Biostatistics and Epidemiology, IPGC 6330 Essentials of Evidence-Informed Practice in Healthcare ▪ Course Development – NURS 6350 Theoretical and Philosophical Foundations of Nursing Science, ANES 7200 DNP Project II, ANES 7100 DNP Project III, ANES 7800 DNP Project (three-semester series, independent study course), NURS 6245 Professional Aspects for the DNP, IPGC 6315 Biostatistics and Epidemiology, IPGC 6330 Essentials of Evidence-Informed Practice in Healthcare	Baton Rouge, LA
08/2016-12/2016	Faculty: Franciscan Missionaries of Our Lady University ▪ Adjunct Instructor ▪ Didactic Experience – ANES 7310 Physical Science in Nurse Anesthesia	Baton Rouge, LA
01/2015-06/2017	Countroom Chemist: ARS International, LLC ▪ Responsible for the radiological testing of samples via HPGe Gamma Spectroscopy, Gas Flow Proportional Counting and Alpha Spectroscopy ▪ Handled analysis of more than 90% of the samples received by the company	Port Allen, LA

- Conducted daily, weekly, and monthly QA and QC on all instruments
 - Conducted setup, configuration, and calibration of instruments as needed
 - Reviewed all data and ensured validation
 - Successfully trained several employees in the proper operation of all instruments
- 09/2014-09/2015 **Post-Doctoral Researcher** (gratis): Louisiana State University Baton Rouge, LA
- Responsible for writing grant proposals for possible sources of funding for specific research projects
 - Wrote and submitted a grant proposal entitled *Catalytic Oligomerization of Methane Using Solid Superacid Catalysts* (NSF Proposal No. – 1511684). The proposal was not funded.
 - Conducted online searches for new funding opportunities using various websites
- 05/2013-04/2014 **Research Associate:** Tiger Gas, LLC Baton Rouge, La
- Investigated a gas-phase continuous process for the conversion of gaseous hydrocarbons to liquid products (GTL) via bromine-based technology (joint project between Tiger Gas and Albemarle)
 - Responsible for the design, maintenance and experimentation using a glass continuous reactor and the installation of a metal continuous reactor
 - Interpretation of gas and liquid sample analysis via GC/TCD, GC/FID and GC/MS
 - Submitted weekly written progress reports and conducted bi-weekly presentations on results and planned experiments
- 2005-2013 **Graduate Research,** Louisiana State University Baton Rouge, LA
- Investigated bimetallic and monometallic Ni/phosphine complexes for possible alkene hydration and alkene oxidation catalysis
 - Discovered a novel alkene oxidation reaction
 - Synthesized and characterized organophosphine precursors and polyphosphine ligands
 - Synthesized and characterized novel bimetallic and monometallic Ni/phosphine complexes
 - Detailed ^1H and $^{31}\text{P}\{^1\text{H}\}$ NMR analysis of the bimetallic complexes in aqueous and organic environments.
 - Mentored three undergraduate researchers
 - Served as a Teaching Assistant for the General Chemistry Laboratory class for three years
 - Conducted lectures in General Chemistry and Organometallics
- 2001-2002 **Undergraduate Research,** Lawrence University Appleton, WI
- Synthesized PMMA nanospheres using a free-radical emulsion polymerization technique
 - Characterization of nanospheres via SEM
 - Utilized the nanospheres as a template for the synthesis of inverse photonic crystals

- Discovered a linear relationship between the size of the nanospheres and the temperature at which they were synthesized
- Helped to develop an online laboratory experiment titled *Diffraction of PMMA Nanospheres* found on the University of Wisconsin-Madison's Materials Science Education Website (url: <https://education.mrsec.wisc.edu/diffraction-of-pmma-nanospheres/>)
- Developed laboratory experiments for the Inorganic Chemistry Laboratory class and served as teaching assistant for the lab class

Professional Committees

Franciscan Missionaries of Our Lady University

2023-present	Vice-Chair, Institutional Review Board
2021-present	Vice-Chair, Research and Scholarship Council
2020-2024	Co-chair of the Research Learning Community
2020-present	Institutional Review Board Executive Committee, Member
2020-present	Research and Scholarship Council, Member
2019-present	Faculty Development and Scholarship Committee, Member
2017-present	Institutional Review Board, Member
2017-present	Faculty Senate, Member
2017-2023	Library and Education Technology Committee (Formerly called Learning Resources Committee), Member
2017-present	Graduate Nursing Committee, Member
2017-present	Nurse Anesthesia Curriculum Committee, Member
2017-present	Community Advisory Board, Member

Professional Development

2023	Quality Matters, QM Rubric Update Seventh Edition, Online
2019	ANAA Assembly of Didactic and Clinical Educations, Houston, TX
	Quality Matters, Peer Reviewer Course, Online
2018	EQ-I 2.0/EQ 360 Certification Program
	AANA Assembly of School Faculty, Scottsdale, AZ
	AANA Learn, Didactic and Clinical Instruction, Online
	AANA Learn, Principles and Goals of Writing Curriculum, Online
	AANA Learn, Evaluation for Nurse Anesthesia Educators, Online
	NBCRNA, Item Writing Theory and Practice – Foundation Course, Online
	NBCRNA, Item Writing Theory and Practice – Alternative Questions Format Course, Online
2017	The Joanna Briggs Institute, Comprehensive Systematic Review Training Programme
	Quality Matters, Independent Applying the QM Rubric, Online

Publications and Presentation

2025	Bywater, M., Hayes, K., Broussard, M., & Schreiter, W. Do Preoperative Nerve Blocks Prevent Phantom Breast Sensations Following a Mastectomy? A Systematic Review. Doctoral Research Showcase [Poster presentation], Baton Rouge, LA, May 2025.
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- Schreiter, W. Predicting the Unpredictable: Development of a Model to Predict National Certification Exam Scores. Faculty Showcase [Podium presentation], Baton Rouge, LA. April 2025.
- Broussard, M., Schreiter, W., Castille, R., & Williams, L. Training for Impact: Utilizing HRSA Traineeship Funds to Expand Nurse Anesthesiology Clinical Education, Address Workforce Shortages, and Reduce Health Inequities in Underserved Communities. Faculty Showcase [Poster presentation], Baton Rouge, LA, April 2025.
- Schreiter, W., & Broussard, M. Building Resilience in Children: An Interprofessional Service-Learning Approach to Reducing Procedural Anxiety in Pediatric Patients. Faculty Showcase [Poster presentation], Baton Rouge, LA, April 2025.
- Broussard, M., Castille, R., Dorn, C., & Poirrier, A. Aligning SEE Score Benchmarks with Educational Outcomes: A Policy Change in Nurse Anesthesia Education. Faculty Showcase [Poster presentation], Baton Rouge, LA, April 2025.
- 2024 Bhakta, B., Parisi, G., Broussard, M., & Schreiter, W. Education Practices Following Sugammadex Administration: A Retrospective Chart Review. 2024 Fall Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, December 2024.
- Shorter, C., Chapman, O., Williams, L., & Schreiter, W. Rocuronium Priming To Hasten Paralysis During Endotracheal Intubation: An Observational Pilot Study. 2024 Fall Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, December 2024.
- Williams, N., Lebron, M., Schreiter, W., & Broussard, M. Postoperative Registered Nurse Awareness of Sugammadex (Bridion) and Drug Interactions: An Online Survey. 2024 Fall Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, December 2024.
- Frey, L., Sheppard, Q., Castille, R., & Schreiter, W. Cerebral Palsy and Anesthesia. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 18-22.
- Burlett, A., Macedo, K., Schreiter, W., & Castille, R. Chiari Malformation. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 23-29.
- Graham, S., Whisnant, P., Schreiter, W., & Broussard, M. Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency and Anesthesia. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 44-47.
- Jungles, H., LaFleur, S., Townsend, B., Dorn, C., & Schreiter, W. Guillain-Barre Syndrome. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 48-52.
- Harris, A., Hinton, R., Schreiter, W., & Dorn, C. Neurofibromatosis. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 58-61.
- McDaniel, A., Stamps, J., Poirrier, A., & Schreiter, W. Systemic Lupus Erythematosus. *FranU Nurse Anesthesiology Journal*, **2024**, 2, 85-88.
- Cliburn, K., Emery, L., & Schreiter, W. GLP-1 Agonist Use and Alterations to NPO Guidelines. School of Nursing Showcase [Poster presentation], Baton Rouge, LA, April 2024
- Bergeron, D., Miller, R., & Schreiter, W. Utilizing Gastric Ultrasound to Limit Perioperative Aspiration Risks for Patients Taking Glucagon-Like Peptide 1 Receptor Agonists. School of Nursing Showcase [Poster presentation], Baton Rouge, LA, April 2024.
- 2023 Gwinn, S., McGuire, M., Broussard, M., & Schreiter, W. Anesthesia Provider Awareness of Sugammadex (Bridion) and Drug Interactions: An Online Survey. Fall Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, December 2023.
- Gwinn, S., McGuire, M., Broussard, M., & Schreiter, W. Anesthesia Provider Awareness of Sugammadex (Bridion) and Drug Interactions: An Online Survey. LANA Annual Meeting [Poster presentation], Baton Rouge, LA, October 2023.
- Smith, J., Walbert, D., Schreiter, W., & Broussard, M. Anesthesia Management of Epidermolysis Bullosa. *FranU Nurse Anesthesiology Journal*, **2023**, 1, 12-16.

- McDaniel, D., Vizier, T., Dorn, C., & Schreiter, W. Goodpasture Syndrome. *FranU Nurse Anesthesiology Journal*, **2023**, 1, 17-20.
- Louviere, H., Minet, C., Schreiter, W., & Dorn, C. Heparin-Induced Thrombocytopenia: Clinical Overview. *FranU Nurse Anesthesiology Journal*, **2023**, 1, 21-25.
- Krumnow, C., Carruth, S., Schreiter, W., & Crochet, B. Nonobstetric Surgery During Pregnancy. *FranU Nurse Anesthesiology Journal*, **2023**, 1, 54-60.
- Crum, K., John, J. P., Schreiter, W., & Williams, L. Primary Pulmonary Hypertension. *FranU Nurse Anesthesiology Journal*, **2023**, 1, 61-66.
- Cooper, C., Zobro, K., & Schreiter, W. Use of Higher Positive End-Expiratory Pressure During Robotic Prostatectomies to Prevent Postoperative Respiratory Complications. Spring 2023 Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, April 2023.
- Richardson, C., Roan, J., & Schreiter, W. Dexamethasone as Prophylaxis for Shivering After Spinal Anesthesia for Cesarean Section Patients. Spring 2023 Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, April 2023.
- Pace, L., Thibodeaux, K., & Schreiter, W. Predicting Postinduction Hypotension Through Preoperative Pupil Size. Spring 2023 Research and Scholarship Showcase [Poster presentation], Baton Rouge, LA, April 2023.
- 2022 Ledoux, G., Dieu, S., & Schreiter, W. Improving Satisfaction During Surgery Using Virtual Reality for Patients Receiving Regional Anesthesia. LANA Annual Meeting [Poster presentation], New Orleans, LA, October 2022.
- Hager, C., Martinez, J., & Schreiter, W. Opioid-Free Anesthetic Techniques for Cardiac Surgery: A Systematic Review. Spring 2022 Research and Scholarship Showcase [Poster presentation], Online, April 2022.
- Nauck, L. G., Marks, S. T., & Schreiter, W. Perioperative Methadone and Its Effect on Postoperative Pain in Patients Undergoing Spine Surgery. Spring 2022 Research and Scholarship Showcase [Poster presentation], Online, April 2022.
- Ledoux, G., Dieu, S., & Schreiter, W. Improving Satisfaction During Surgery Using Virtual Reality for Patients Receiving Regional Anesthesia. Spring 2022 Research and Scholarship Showcase [Poster presentation], Online, April 2022.
- 2021 LaFleur, S., Townsend, B., Dorn, C., & Schreiter, W. Dexmedetomidine Versus Midazolam and Its Effect on Preventing Emergence Delirium in Pediatric Patients Undergoing General Anesthesia. LANA Annual Meeting [Poster presentation], Lake Charles, LA, October 2021.
- 2019 Schreiter, W. J.; Monteil, A. R.; Johnson, R. A.; Gasery, C. D.; Kalachnikova, E.; Fernando, R. G.; Fronczek, F. R.; Stanley, G. G. The Facile Reaction of Water with a Bimetallic Nickel Tetrachloride Tetraphosphine: A Tale of Two Chelates. *Polyhedron*, **2019**, 163, 178-189.
<https://doi.org/10.1016/j.poly.2019.02.018>
- 2014 Schreiter, W. J.; Monteil, A. R.; Kalachnikova, E.; Peterson, M. A.; Moulis M. D.; Gasey, C. D.; McCandless, G. T.; Fronczek, F. R.; Stanley, G. G. Synthesis and Characterization of a New Binucleating Tetraphosphine Ligand Based on 1,2-Phenylene Chelates and the Structures of Dinickel Tetrachloride Complexes of the Ligand. *Inorg. Chem.*, **2014**, 53, 10036-10038.
<https://doi.org/10.1021/ic5019345>
- 2013 Schreiter, W. J.; Monteil, A. R.; Peterson, M. A.; McCandless, G. T.; Fronczek, F. R.; Stanley, G. G. Improved Synthesis of a Trisphosphine Ligand and Crystallographic Characterization of the Ligand and Nickel Thiocyanate Complex. *Polyhedron*, **2013**, 58, 171-178. Special issue in memory of Michelle Millar, SUNY-Stony Brook. <http://dx.doi.org/10.1016/j.poly.2012.11.028>
- Schreiter, W.; Stanley, G. Synthesis and Characterization of a New Binucleating Tetraphosphine Ligand for Catalytic Applications. Southwest Catalysis Society Meeting [Poster presentation], Houston, TX, April 2013.

- 2012 Schreiter, W.; Kalachnikova, K.; Duronslet, C.; Stanley, G. Alkene Oxidative Cleavage by O₂ and Bimetallic Ni/Phosphine Complexes. Southwest Catalysis Society Meeting [Poster presentation], Houston, TX, April 2012
- 2011 Schreiter, W.; Kalachnikova, K.; Duronslet, C.; Stanley, G. Alkene Oxidative Cleavage by O₂ and Bimetallic Ni/Phosphine Complexes. Southwest Catalysis Society Meeting [Poster presentation], Houston, TX, April 2011
- 2009 Schreiter, W.; Kalachnikova, K.; Stein, A.; Stanley, G. Catalytic Production of Linear Alkane Oligomers of 1-Hexene in the Presence of Nickel/Phosphine Catalysts and Water. Inorganic Chemistry Gordon Research Conference [Poster presentation], Biddeford, MA, June 2009.

Awards

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- 2025 Outstanding Faculty Community-Engaged Scholarship Poster Award, winner
Faculty Showcase Poster Presentation, winner
- 2024 Service-Learning Faculty Impact Award, winner
- 2023 Service-Learning Project Impact Award, winner
Service-Learning Faculty Impact Award, nominated
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Student Project Committees

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- 2025 Students: Sofia Andujo and Anna Tkachuk; Position: Chairperson; Project Title: Rate of Documentation of Patient Education Regarding the Interaction Between Sugammadex and Hormonal Contraceptives by Anesthesia Providers and Perianesthesia Nurses
Students: Karoline Llorens and Madison Tanner; Position: Chairperson; Project Title: High vs Low FiO₂: Are Anesthesia Providers Continuing to Practice Conservative Methods of Intraoperative FiO₂ Administration?
Students: Camille Palmer and Joel Roberts; Position: Chairperson; Project Title: Sugammadex and Hormonal-Based Contraceptives: A Perioperative Nursing Computer-Based Educational Module and Quality Improvement Project
Students: Madeline Bywater and Kaitlyn Hayes; Position: Second Committee member; Project Title: Do Preoperative Nerve Blocks Prevent Phantom Breast Sensations Following a Mastectomy? A Systematic Review
Students: Mallory Burleigh and Samantha Rudd; Position: Second Committee Member; Project Title: Implementation of an HER Alert System to Enhance Documentation of Postoperative Patient Education on Sugammadex for Females Who Undergo Anesthesia: A Quality Improvement Project
Students: Brennan Leblanc and Madison Picard; Position: Second Committee Member; Project Title: Instillation of Normal Saline Into the Abdomen and Pulmonary Recruitment Maneuver for Postoperative Shoulder Pain Reduction in Gynecologic Laparoscopic Surgery
Students: Anna Pitfield and Seth Scantling; Position: Second Committee Member; Project Title: The Effects of Angiotensin II in Patients Experiencing Vasoplegia Syndrome Post-Cardiac Bypass; Will Mean Arterial Pressure Increase While Vasopressor Requirements Decrease?
- 2024 Students: Dustin Bergeron and Ryan Miller; Position: Chairperson; Project Title: Utilizing Gastric Ultrasound to Limit Perioperative Aspiration Risk for Patients Taking Glucagon-Like Peptide 1 Receptor Agonists

	Students: Monica Lebron and Nicole Williams; Position: Chairperson; Project Title: Postoperative Registered Nurse Awareness of Sugammadex (Bridion) and Drug Interactions: An Online Survey
	Students: Katelynn Bradley and Leland Clark; Position: Chairperson; Project Title: GLP-1 Agonist Use and Alterations to NPO Guidelines: A Systematic Review
	Students: Nicholas Childress and Andrew Rockenhaus; Position: Second Committee Member; Project Title: Assessing Knowledge and Clinical Practice Related to the Use of Glucagon-Like Peptide 1 Agonists in the Perioperative Area: A Web-Based Exploratory Survey
	Students: Bhavini Bhakta and Gabriella Parisi; Position: Second Committee Member; Project Title: Education Practices Following Sugammadex Administration: A Retrospective Chart Review
	Students: Youngjin Ruth Abutin and Clarisse Borrega; Position: Second Committee Member; Project Title: Comparative Analysis of Ketamine Versus Magnesium Sulfate Addition to Local Anesthetics in Supraclavicular Brachial Plexus Block: A Systematic Review
	Students: Austin Nelson and Houston Siegerist; Position: Second Committee Member; Project Title: Job Satisfaction of CRNAs Working as 1099 and W2 Employees: An Online Survey
	Students: Olivia Chapman and Caitlyn Shorter; Position: Second Committee Member; Project Title: Rocuronium Priming to Hasten Paralysis During Endotracheal Intubation: An Observational Pilot Study
	Students: Olivia Davis and Elizabeth Maybin-Plotts; Position: Second Committee Member; Project Title: The Rule of Threes Oxytocin Algorithm: A Systematic Review
2023	Students: Cory Cooper and Kimberly Zobro; Position: Chairperson; Project Title: Use of Higher Positive End-Expiratory Pressure During Robotic Prostatectomies to Prevent Postoperative Respiratory Complications
	Students: Leah Pace and Katelyn Thibodeaux; Position: Chairperson; Project Title: Predicting Postinduction Hypotension Through Preoperative Pupil Size: A Systematic Review
	Students: Casey Richardson and Julianne Roan; Position: Chairperson; Project Title: Dexamethasone as Prophylaxis for Shivering After Spinal Anesthesia for Cesarean Section Patients
	Students: Shelbie Gwinn and Megan McGuire; Position: Second Committee Member; Project Title: Anesthesia Provider Awareness of Sugammadex (Bridion) and Drug Interactions: An Online Survey
	Students: Jacqueline Bauer and Taylor Eisenberg; Position: Second Committee Member; Project Title: The Therapeutic Bronchodilator Effects of Aerosolized Delta-9-Tetrahydrocannabinol for Patients With Airway Disease
	Students: Emily Heard and Eric Warren; Position: Second Committee Member; Project Title: Isovolemic Hemodilution: Sparring the Blood Bank and Saving Patients Undergoing Heart Surgery
	Students: Hayden Cox and Anthony Nguyen; Position: Second Committee Member; Project Title: Effectiveness of Using Magnesium Sulfate as an Adjuvant for Pain Control in Tap Blocks: A Systematic Review
	Students: Callie Entwisle and Emily Theriot; Position: Second Committee Member; Project Title: The Comparison of Intermittent Nitrous Oxide and Epidurals on Maternal Satisfaction in Obstetric Patients
2022	Students: Sam Dieu and Grace Ledoux; Position: Chairperson; Project Title: Can Virtual Reality Improve Patient Satisfaction?

	Students: Conor Hager and Jeremy Martinez; Position: Chairperson; Project Title: Opioid-Free Anesthetic Techniques for Cardiac Surgery: A Systematic Review
	Students: Lydia Nauck and Samantha Tanh Marks; Position: Chairperson; Project Title: Methadone Use for Pain Control in Spinal Surgery Patients: A Systematic Review
	Students: Anna Allred and Brittney Rhodes; Position: Second Committee Member; Project Title: An Optimal Intraoperative Ketamine Dosage for Postoperative Pain Management
	Students: Simone Doucet and Ali Link; Position: Second Committee Member; Project Title: Utilization of POCUS to Reduce Aspiration Risk: A Systematic Review
	Students: Cody Graham and Serghei Evtodienko; Position: Second Committee Member; Project Title: In Adult Surgical Patients, Does Nebulized Magnesium Decrease the Incidence of Postoperative Sore Throat?
	Student: Sharde Hendrix; Position: Second Committee Member; Project Title: Postoperative Pain Control and the Use of Ultrasound-Guided Serratus Block in Cardiac Surgical Patients: A Systematic Review
	Students: Steven Wall and Matthew Robinson; Position: Second Committee Member; Project Title: In Adult Coronary Artery Bypass Graft Patients, How Does the Use Of Propofol Compare With Dexmedetomidine in Affecting Extubation Times During Postoperative Hospital Stay?
2021	Students: Aimee Burlett and Katie Macedo; Position: Chairperson; Project Title: The Effectiveness of Isopropyl Alcohol for the Management of Postoperative Nausea and Vomiting
	Students: Stefin Graham and Patrick Whisnat; Position: Chairperson; Project Title: The Effect of Dexmedetomidine on Postoperative Pain Scores and Opioid Consumption in Adult Spinal Surgery
	Students: Alyssa Harris and Rachel Hinton; Position: Chairperson; Project Title: Remimazolam Versus Propofol: Comparison of Hemodynamic and Respiratory Safety Profiles
	Student: Haley Jungles; Position: Second Committee Member; Project Title: The Effect of Periarticular Injections of Liposomal Bupivacaine on Postoperative Range of Motion Following a Total Knee Arthroplasty
	Students: Seth LaFleur and Brandon Townsend; Position: Second Committee Member; Project Title: Dexmedetomidine Versus Midazolam and Its Effect on Emergence Delirium in Pediatric Patients Undergoing General Anesthesia
	Students: Lisa Frey and Quinta Sheppard; Position: Second Committee Member; Project Title: Esmolol Administration to Blunt the Sympathetic Nervous System Response During Intubation: A Systematic Review
2020	Students: Sarah Carruth and Carly Krumnow; Position: Chairperson; Project Title: FiO2 Concentration and Postoperative Complications
	Students: Kenneth Krum and James John; Position: Chairperson; Project Title: Effects of Compliance to SCIP Infection Guidelines on Post-Surgical Infection Rates
	Students: Jordan Smith and Daniel Walbert; Position: Chairperson; Project Title: The Optimal Head and Neck Position to Obtain Optimal Glottic Exposure
	Students: Hunter Louviere and Cherie Minet; Position: Chairperson; Project Title: Effects of Preoperative Administration of IV Ketamine on Pain Reduction and Opioid Consumption in the First 48 Hours After Surgery: A Systematic Review
	Students: Dylan McDaniel and Tyler Vizier; Position: Second Committee Member; Project Title: The Effectiveness of Cerebral Oximetry in the Beach Chair Position When Assessing Cerebral Profusion

- 2019 Student: Anthony Cutrera; Position: Chairperson; Project Title: Improving Safety: Utilizing Automated Reminders Regarding Throat Pack Removal With Computer-Based Charting Systems
 Student: Juliet Falcon; Position: Chairperson; Project Title: Controlled Waste and Disposal of Propofol in Operating Rooms and Procedural Areas: What is the Current Practice in Most Facilities
 Student: Hunter Hargrave; Position: Chairperson; Project Title: Utilizing Regional Anesthesia to Improve Intraoperative Outcomes in Arteriovenous Fistula Creation
 Student: David Manzella; Position: Chairperson; Project Title: Cardiac Cocktail: Examining the Postoperative Implications of Anesthetic Choice in CABG Patients
 Student: Nicholas McCullough; Position: Chairperson; Project Title: Effectiveness of Sub-Anesthetic Ketamine on Decreasing Adverse Events Associated With Propofol During Procedural Sedation
 Student: Ashly Pharez Davis; Position: Chairperson; Project Title: Implementation and Evaluation of a Standardized Medication Instruction Sheet in the Preoperative Clinic to Improve Education and Adherence in Surgical Patients
- 2018 Student: Rosemary Alexander; Position: Chairperson; Project Title: Reducing Perioperative Blood Loss in Adult Surgical Spinal Fusion Patients With the Use of Cell Salvage
 Student: Maria Ashford Miremont; Position: Chairperson; Project Title: The Role of Regional Anesthesia Within a Colorectal ERAS Protocol
 Student: Joanna Drake; Position: Chairperson; Project Title: Preoperative Carbohydrate Loading in Colorectal Surgery
 Student: Hannah Neal; Position: Chairperson; Project Title: Intraoperative Fluid Administration: A Means to Improving Colorectal Surgical Patient Outcomes
 Student: Craig Nelson; Position: Chairperson; Project Title: Intravenous Acetaminophen Use as Part of a Multimodal Pain Management Plan for Colorectal Surgeries
 Student: Courtney Zakhary; Position: Chairperson; Project Title: Reducing Intraoperative Blood Loss and Transfusions With the Use of TXA in Pediatric Patients Undergoing Cranial Vault Reconstruction
- 2017 Student: Rebecca Krobert; Position: Chairperson; Project Title: Safe Transfer and Positioning of the Obese Patient During the Perioperative Period
 Student: Brandon LaGrange; Position: Chairperson; Project Title: Weight-Appropriate Pharmacological Guidelines for Anesthesia Induction Medications in the Obese Population
 Student: Deidre Leeper; Position: Chairperson; Project Title: Pre-Oxygenation by Non-Invasive Positive Pressure Ventilation With Positive End-Expiratory Pressure in Obese Surgical Patients