Erin Blanchard, PhD, MSN, RN, CHSE

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| **CERTIFICATION and LICENSURE:** | | RN- Alabama  Certified Healthcare Simulation Educator | | | |
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| **EDUCATION:** |  | |  |  |  |
| Institution | Discipline | | Dates Attended | Degree | Year Conferred |
| University of Alabama at Birmingham | Health Education/  Health Promotion | | 2017-2021 | PhD | 2021 |
| University of Alabama at Birmingham | Nursing and Health System Administration | | 2014-2016 | MSN | 2016 |
| Mississippi University for Women | Nursing | | 2006-2009 | BSN | 2009 |

**PROFESSIONAL POSITIONS AND APPOINTMENTS:**

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| Year(s) | Title | Institution Agency Name and Location |
| 2022-Present | Associate Scientist | Center for Clinical and Translational Science, University of Alabama at Birmingham; Birmingham, AL |
| 2021-Present | Assistant Professor | Department of Health Services Administration, School of Health Professions, University of Alabama at Birmingham; Birmingham, AL |
| 2015 - Present | Associate Director, Department of Anesthesiology and Perioperative Medicine Simulation Program | Department of Anesthesiology and Perioperative Medicine, Heersink School of Medicine, University of Alabama at Birmingham; Birmingham, AL |
| 2015 - 2021 | Simulation Educator, Senior | Office of Interprofessional Simulation, University of Alabama at Birmingham; Birmingham, AL |
| 2014-2015 | Advanced Nursing Coordinator | Division of Perioperative Medicine, University of Alabama at Birmingham Hospital; Birmingham, AL |
| 2012-2014 | Staff Nurse/ Relief Charge Nurse | Post Anesthesia Care Unit, University of Alabama at Birmingham Hospital; Birmingham, AL |
| 2010-2011 | Staff Nurse | Surgical Intensive Care Unit, Cape Fear Valley Hospital; Fayetteville, NC |
| 2009 | Registered Nurse Intern | Children’s Hospital of Alabama; Birmingham, AL |

**PROFESSIONAL DEVELOPMENT**

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| Year | Course/Training | Institution Agency Name and Location |
| 2022 | Teaching Tools Certificate | Division of eLearning and Professional Studies; University of Alabama at Birmingham; Birmingham, AL |
| 2021 | Master Debriefing Course | The Debriefing Academy; Calgary, Canada |
| 2021 | Principles and Practices of Curriculum Development | Johns Hopkins; Baltimore, MD |
| 2018 | Institute for Medical Simulation: Advanced Instructor Course | Center for Medical Simulation; Boston, MA |
| 2016 | Training & Using Standardized Patients for Teaching & Assessment | Southern Illinois University; Springfield, IL |
| 2016 | TeamSTEPPS Master Training | University of Minnesota; Minneapolis, MN |
| 2016 | Institute for Medical Simulation: Comprehensive Instructor Workshop | Center for Medical Simulation; Boston, MA |
| 2016 | Advanced Debriefing | Office of Interprofessional Simulation,  University of Alabama at Birmingham; Birmingham, AL |
| 2016 | Facilitating Interprofessional Debriefing | Office of Interprofessional Simulation,  University of Alabama at Birmingham; Birmingham, AL |
| 2016 | Sim II | Office of Interprofessional Simulation,  University of Alabama at Birmingham; Birmingham, AL |
| 2015 | Sim I | Office of Interprofessional Simulation,  University of Alabama at Birmingham; Birmingham, AL |
| 2015 | Crucial Conversations | University of Alabama at Birmingham; Birmingham, AL |
| 2015 | Targeted Selection | University of Alabama at Birmingham; Birmingham, AL |

**PROFESSIONAL ASSOCIATION/ORGANIZATION MEMBERSHIPS:**

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| Year(s) | Name of Organization |
| 2021-Present | Society of Education in Anesthesiology, Member |
| 2021-2022 | Association of Anesthesiology Program Administrators and Educators, Member |
| 2017-Present | Malignant Hyperthermia Association of the United States, Member |
| 2015-Present | American Society of Anesthesiologists Simulation Education Network, Member |
| 2015-Present | Society of Simulation in Healthcare, Member |
| 2018-2019 | International Nursing Association of Clinical Simulation and Learning, Member |
| 2013-2015 | American Society of Perianesthesia Nurses, Member |
| 2009-2010 | Sigma Theta Tau International, Member |

**TEACHING EXPERIENCE**

**Graduate Courses:**

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| --- | --- |
| 01/2022 | **Guest Lecturer, University of Alabama at Birmingham**  HCS 626- Simulation Laboratory Intensive  Embedded Simulation Participant Workshop |
| 01/2022- Present | **Instructor, University of Alabama at Birmingham**  HQS 625- Fundamental of Patient Safety |
| 03/2022 | **Faculty Facilitator, University of Alabama at Birmingham**  GRD 717- Principles of Scientific Integrity |
| 08/2021- 12/2021 | **Instructor, University of Alabama at Birmingham**  HCS 575- Healthcare Simulation for Safety and Quality |
| 10/2019 | **Guest Lecturer, University of Alabama at Birmingham**  HCS 575- Healthcare Simulation for Safety and Quality  Module 5: Simulated Patients, Standardized Patients, and Embedded Simulation Participants |
| 01/2017 | **Guest Lecturer, University of Alabama at Birmingham**  HRP 575- Introduction to Healthcare Simulation for Quality and Safety  Introduction to Healthcare Simulation & Immersive Simulation |

**Institutional Workshops and Inservices:**

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| 11/2016-02/2019 | **Instructor, University of Alabama at Birmingham**  Embedded Simulation Participant Workshop |
| 10/2016-05/2017 | **Instructor, University of Alabama at Birmingham**  Nurse Residency Program, Introduction to TeamSTEPPS Principles |
| 11/2015 | **Guest Lecturer, University of Alabama at Birmingham**  Highlands Hospital Education Day, Growing as a Professional at UAB |
| 10/2015 | **Guest Lecturer, University of Alabama at Birmingham**  Transitioning from Key Plates to Labels: What You Need to Know |
| 06/2015 | **Guest Lecturer, University of Alabama at Birmingham**  Utilizing Impact Resources for Blood Bank Updates |

**PEER-REVIEWED PUBLICATIONS** (\*denotes student/trainee at time of submission)

**Manuscripts:**

**Published**

1. **Blanchard, E.**, Riesenberg, L. A., Bergman, L. B., Brown, M. R., O’Hagan, E. C., \*Patel, S. J., & Carter, T. R. (2021). Comparing traditional, immersive simulation with rapid cycle deliberate practice in postgraduate year 2 anesthesiology residents. *Advances in Simulation, 6*(1), 20. doi: 10.1186/s41077-021-00174-0.
2. Register, S., **Blanchard, E.**, Belle, A., Viles, A., Moore, S., & White, M. L. (2020). Using AIDET education simulations to improve patient experience scores. *Clinical Simulation in Nursing, 38*, 14-17*.* https://doi.org/10.1016/j.ecns.2019.09.005
3. Chen, F., Carter, T. B., Maguire, D. P., **Blanchard, E. E.**, Martinelli, S. M., Isaak, R. S. (2019). Experience is the teacher of all things: Prior participation in anesthesiology OSCEs enhances communication of treatment options with simulated high-risk patients. *Journal of Education in Perioperative Medicine*, *21*(3), E626.

**Accepted**

1. **Blanchard, E.,** Evans, R., Abdullatif, H., Brown, M.R., Carter, T., LaChenaye, L. Beliefs and Intentions of Anesthesia Physicians Toward Providing Culturally Competent Care to Transgender Patients. *Transgender Health*. Accepted April 2022.

**Under Review**

1. **Blanchard, E**., \*Booker, D., Peterson, D. T., & Carter, T. Rapid Cycle Deliberate Practice: Application to Adult Advanced Life Support. *MedEdPORTAL*. February 2022. (R&R)

**In Preparation**

1. Clark, B., **Blanchard, E**., Rafield, G., Riesenberg, L.A., \*Patel, B., \*Hackney, A., & Tubinis, M. Design and Implementation of an Experiential Trauma Bootcamp for Senior Anesthesiology Residents.

**Abstracts:**

1. **Blanchard, E**., Viles, A., Moore, S., Belle, A., Register, S., & White, M. (December, 2017). Using AIDET education simulations to improve patient experience scores. *Simulation in Healthcare: Journal of the Society for Simulation in Healthcare, 12*(6), e34. doi:10.1097/SIH.0000000000000294
2. **Blanchard, E.**, Belle, A., \*Hammock, J. & \*Barhorst, C. (December, 2016). Taking pain clinic simulation into the clinic. *Simulation in Healthcare: Journal of the Society of Simulation in Healthcare, 11*(6), 427. doi: 10.1097/SIH.0000000000000215

**PRESENTATIONS** (\*denotes student/trainee at time of submission)

**International**

1. Bustamante, S., **Blanchard, E**., Young, D., Maurtua, M., Wu, D., Ravindranath, S., Webb, C., Mitchell, S., Delamarre, L., Mitzova-Vladinov, G., Roman-Micek, T., Boyer, T., Todd, A., Rawson, E., & Rodgers, L. SSH Anesthesia Section- Innovation in Anesthesia Simulation. 22nd International Meeting on Simulation in Healthcare. Los Angeles, CA, January 2022.
2. Young, D., **Blanchard, E**., Bustamante, S., Laylor, U., Mitzova,-Vladinov, G., Rodgers, L., Seering, M., Vanga, N., & Wu, D. SSH Anesthesia Section- COVID-19 & Impact on Anesthesia Simulation Education. 21st International Meeting on Simulation in Healthcare. Virtual. February 2021
3. **Blanchard, E**. & Bergman. L. Incorporating Simulation within a Fundamental Critical Care Support (FCCS) Course. 20th International Meeting on Simulation in Healthcare. San Diego, CA, January 2020.
4. Brown, M., Belle, A., Bergman, L., **Blanchard, E**., Gargus, A., May, S…White, M. L. Interprofessional Scenario Design with a TeamSTEPPS Framework. 20th International Meeting on Simulation in Healthcare. San Diego, CA, January 2020.
5. Huang, Y. M., **Blanchard, E**., Calzada, J., Dongilli, T., Leland, F., Licatino, L., & Carter, T. Leading Change Management in Simulation- A Team-Based Learning Module. 20th International Meeting on Simulation in Healthcare. San Diego, CA, January 2020.
6. Boyer, T., **Blanchard, E.,** Carter, T., Mitchell, S., & Ligda, K. Anesthesia OSCE Experience for the American Board of Anesthesiology Applied Exam from 3 Institutions. 19th International Meeting on Simulation in Healthcare. San Antonio, TX, January 2019.
7. Brown, M., Peterson, D., Register, S., Bagby, L., Belle, A., **Blanchard, E**., Viles, A., Bertke, B., Gargus, A., May, S., McCord, T., Prince, C., Whitaker, B., & White, M. Interprofessional Scenario Design with a TeamSTEPPS Framework. 19th International Meeting on Simulation in Healthcare. San Antonio, TX, January 2019.
8. Huang, Y., **Blanchard, E.,** Calzada, J., Dongilli, T., & Leland, F. Turning Growing Pains into Showing Gains for Your Simulation Program. 19th International Meeting on Simulation in Healthcare. San Antonio, TX, January 2019.
9. Belle, A., **Blanchard, E.**, Viles, A., Prince, C., & White, M. Health Systems Integration Using In Situ Simulation. International Nursing Association for Clinical Simulation and Learning. Toronto, ON Canada, June 2018.
10. **Blanchard, E.**, Bagby, L., Louis, P., & White, M. Using Simulation to Train for Medical Emergencies in the Dental Office. 18th International Meeting on Simulation in Healthcare. Los Angeles, CA, January 2018.

**National**

1. Pawlowski, J., Huang, Y. M., Carter, T., **Blanchard, E**., & Feinstein, D. Teamwork Panel. 2020 American Society of Anesthesiologists, Simulation Education Network Summit. Chicago, IL, March 2020. (conference cancelled).
2. Huang, Y. M., Licatino, L., Carter, T., & **Blanchard, E.** Managing Growing Pains Within a Simulation Program. American Society of Anesthesiologists, Simulation Education Network Summit. Schaumburg, IL, April 2018.

**POSTER EXHIBITS** (\*denotes student/trainee at time of submission)

1. \*Patel, B. N., Clark, B., **Blanchard, E**., Rafield, G., Riesenberg, L. A., \*Hackney, A., Tubinis, M. Effects of an Experiential Trauma Bootcamp on PGY 3 Anesthesiology Residents’ Knowledge and Confidence Levels. University of Alabama at Birmingham Department of Anesthesiology and Perioperative Medicine Research Day. May 2022; Birmingham, AL.
2. Carter, T., **Blanchard, E**., Riesenberg, L. A. Designing and Implementing OSCEs Based on the American Board of Anesthesiology Content Outline. Society for Education in Anesthesia Spring Meeting. May 2020; Philadelphia, PA. (conference cancelled).
3. Register, S. J., Brown, M., Belle, A., **Blanchard, E.**, May, S., Flint, D., DeOnis, J., & White, M. L. Simulation in Facility Planning Supports Collaboration and Efficient Patient Care. National Academies of Practice Annual Meeting and Forum. March 2020; San Diego, CA. (conference cancelled).
4. Carter, T., **Blanchard, E**., Riesenberg, L. A., Bergman, L., & O’Hagan, E. Comparing Traditional, Immersive Simulation with Rapid Cycle Deliberate Practice in Postgraduate Year 2 Anesthesiology Residents. University of Alabama at Birmingham Department of Anesthesiology and Perioperative Medicine Research Day. January 2020; Birmingham, AL.
5. Boyer, T. J., Ligda, K. O., Abbasi, R. K., **Blanchard, E**., Carter, T., & Mitchell, S. Anesthesia OSCE Exam Prep- Panel Experience from Three Institutions. 3rd Annual Riley Surgical Research Day. May 2019; Indianapolis, IN.
6. **Blanchard, E.**, Viles, A., Moore, S., Belle, A., Register, S., & White, M. Using AIDET Education Simulations to Improve Patient Experience Scores. IP Healthcare Symposium. April 2019; Birmingham, AL.
7. **Blanchard, E.**, Viles, A., Moore, S., Belle, A., Register, S., & White, M. Using AIDET Education Simulations to Improve Patient Experience Scores. 18th International Meeting on Simulation in Healthcare. January 2018; Los Angeles, CA
8. **Blanchard, E**., Carter, T., O’Hagan, E., Riesenberg, L. A., & White, M. L. Simulation Throughout the Anesthesia Intern Curricula. National Healthcare Quality Week. University of Alabama at Birmingham Hospital Inpatient Storyboard Symposium. October 2017; Birmingham, AL.- Winner of Inpatient People’s Choice Storyboard Award
9. **Blanchard, E.,** Belle, A., \*Hammock, J., & \*Barhorst, C. Taking Pain Clinic Simulation into the Clinic. 17th International Meeting on Simulation in Healthcare. January 2017; Orlando, FL.
10. \*Barhorst, C. M., **Blanchard, E**., & \*Hammock, J. High Spinal Complications: An Interprofessional In-Situ Simulation Case for Pain Medicine Staff. Research and Innovations in Medical Education. University of Alabama at Birmingham School of Medicine 6th Annual Medical Education Summit. September 2016; Birmingham, AL.

**IN PROGRESS RESEARCH**

1. Improving Learner Performance and Resilience via Virtual Reality Simulation. PI: Merrick Meese
2. Impact of tele-medicine on discharge times. PI: Sue Feldman
3. Systematic Review of Nontechnical Components in Simulation Team Training. PI: Kasper Lauridsen

**GRADUATE MEDICAL EDUCATION MENTORSHIP**

**In Progress**

1. Scholarly Activity Project: Effects of Interprofessional Pain Medicine Simulation on Confidence and Knowledge Acquisition. Resident: Donnie Thomas
2. Scholarly Activity Project: Design and Implementation of Hybrid Simulation within a CA2 Trauma Bootcamp. Residents: Bhavika Patel & Andrew Hackney

**Completed**

1. Scholarly Activity Project: Postpartum Hemorrhage Escape Room. Resident: James Damron, UAB, 2021
2. Scholarly Activity Project: Evaluation of Preparatory Visuospatial Training in Enhancement of Procedural Skill Acquisition in Echocardiography Training of Anesthesia Residents. Resident: Riley Camp, UAB, 2021
3. CQI Presentation: Delay in Synchronized Cardioversion. Resident: Chris Blakely, UAB, 2017
4. Scholarly Activity Project: Anesthesia Simulation: History and Scenario Design. Resident: Amanda Walden, UAB, 2017
5. Scholarly Activity Project: High Spinal Complications: Simulation Case for Pain Medicine Physicians. Resident: Clayton Barhorst, UAB, 2015-16

**CURRICULUM DESIGN:**

1. CA2 Trauma Bootcamp Re-design. Collaborators: Grace Rafield, Michelle Tubinis, Brittney Clark, & Lee Ann Riesenberg, UAB, 2021
2. PGY1 Procedural Simulation Self-Study. Collaborators: Michelle Tubinis & Grace Rafield, UAB, 2021
3. Asynchronous Didactic Content. Collaborators: Craig Samford, Emma O’Hagan, & Lee Ann Riesenberg, UAB, 2020-21
4. Spinal Insertion. Collaborator: Craig Samford, UAB, 2019
5. CA1 Bootcamp Re-design. Collaborator: Tekuila Carter, UAB, 2019
6. Rapid Cycle Deliberate Practice for Emergency Cardiovascular Care. Collaborator: Tekuila Carter, UAB, 2018
7. Arterial Line Insertion. Collaborator: Tekuila Carter, UAB, 2018
8. Anesthesia CA-1 Bootcamp Pre-Learning, UAB, 2018
9. iTeachU POCUS Implementation. Collaborators: Tekuila Carter & Susan Black, UAB, 2018
10. OSCE Prep Simulations. Collaborators: Tekuila Carter & Grace Rafield, UAB, 2017
11. Anesthesia Intern Simulation Curriculum. Collaborators: Tekuila Carter & Michelle Tubinis, UAB, 2017
12. OSCE Prep Didactic: TEE and Waveforms, UAB, 2016
13. Pain Fellowship Simulations. Collaborators: Peter Nagi and Alethia Sellers, UAB, 2016
14. CA1 Bootcamp. Collaborator: Jeff Simmons, UAB, 2016
15. Maintenance of Certification in Anesthesiology. Collaborators: Jeff Simmons, Marjorie Lee White, Tekuila Carter, UAB, 2016

**COUNCILS AND COMMITTEES:**

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| **International** |  |
| 2022-Present | Formal Training Affinity Group- Society for Simulation in Healthcare, Member |
| 2022-Present | Nontechnical Skills/Teamwork Research Subgroup- Society for Simulation in Healthcare, Member |
| 2020-Present | Anesthesia Section- Society for Simulation in Healthcare, Secretary |
| **National** |  |
| 2017-Present | Teamwork Workgroup - Simulation Education Network, American Society of Anesthesiologists, Member |
| **Local** |  |
| 2022-Present | UAB, HSA Department, Healthcare Quality and Safety Program Committee, Member |
| 2021-Present | UAB, HSA Department, Strategic Planning Partnerships Committee, Member |
| 2021-Present | UAB, HSA Department, Master of Science in Healthcare Simulation Program Committee, Member |
| 2019-Present | UAB Malignant Hyperthermia Taskforce, Member |
| 2016-Present | UAB Hospital Anesthesia Department Executive Education Leadership Committee, Member |
| 2015-Present | UAB Maintenance of Certification in Anesthesiology Program Certification/ASA Endorsement Committee, Member |
| 2015 | UAB Perioperative Division Standardization of Highlands and Main UAB Campus Task Force, Chair |
| 2015 | UAB Hospital Post Anesthesia Care Unit Electronic Order Entry Task Force, Member |
| 2015 | UAB Hospital Escalation Taskforce, Member |
| 2014-2015 | UAB Hospital Nursing Quality Council, Member |
| 2014-2015 | UAB Hospital Critical Care Advanced Nursing Coordinator Committee, Member |
| 2014-2015 | UAB Hospital Advanced Nursing Coordinator Committee, Member |
| 2014-2015 | UAB Hospital Nursing Leadership Council, Member |
| 2014-2015 | UAB Hospital Management Forum, Member |
| 2014-2015 | UAB Care Workgroups: Liver and Kidney Transplant, Enhanced Recovery After Surgery, ICU/Respiratory Care, Sepsis/EWS, Member |
| 2014-2015 | UAB Surgical Infection Improvement Team, Member |
| 2013-2014 | UAB Hospital- Main Campus Post Anesthesia Care Unit Practice Committee, Chair |
| 2013-2014 | UAB Hospital- Main Campus Post Anesthesia Care Unit Coordinating Committee, Co-Chair |
| 2012-2013 | UAB Hospital- Main Campus Post Anesthesia Care Unit Practice Committee, Member |

**GRANT AWARDS**

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|  | **University of Alabama at Birmingham- Co-Investigator**  UAB TeleMedicine Research Collaborative  Project Title: Research Collaborative with UAB Telemedicine, Including eMedicine to Provide Learnings Back to the Division on the Use of Telemonitoring in ICUs (UAB and non-UAB), in Acute Care, and Broader Telemedicine Applications  $143,205, annual renewal | 2021 |
|  | **University of Alabama at Birmingham- Co-Investigator**  HSF General Endowment Fund Medical Education Initiatives  Project Title: Improving Learner Performance and Resilience via Virtual Reality Simulation  $99,196, 2-year period of performance.  Dr. Merrick Meese, Principal Investigator | 2019 |

**REVIEW ACTIVITY**

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| 2020-Present | Clinical Simulation in Nursing- Journal Article Reviewer |
| 2021 | Submissions for the 22nd International Meeting on Simulation in Healthcare- Abstract Reviewer |
| 2020 | Submissions for the 21st International Meeting on Simulation in Healthcare- Abstract Reviewer |
| 2019 | Submissions for the 20th International Meeting on Simulation in Healthcare- Abstract Reviewer |
| 2018 | Submissions for the 19th International Meeting on Simulation in Healthcare- Abstract Reviewer |

**ACCREDITATION/DESIGNATION INVOLVEMENT:**

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| Year(s) | Name of Accreditation/Designation | Role |
| 2019 | American Society of Anesthesiologists Program Re-Endorsement, Maintenance of Certification in Anesthesiology Simulation Training, UAB | Associate Director, Anesthesiology and Perioperative Medicine Simulation Program |
| 2018 | American Society of Anesthesiologists Program Re-Endorsement, Maintenance of Certification in Anesthesiology Simulation Training, UAB | Associate Director, Anesthesiology and Perioperative Medicine Simulation Program |
| 2016 | Society for Simulation in Healthcare Accredited Simulation Consortium, UAB Simulation Consortium | Simulation Educator |
| 2015 | Magnet Designation, UAB Hospital | Division Educator |
| 2015 | Joint Commission, UAB Hospital | Division Educator, Content Expert |
| 2015 | Comprehensive Stroke Center Designation, UAB Hospital | Division Educator, Content Expert |