

Khushboo Baldev

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EDUCATION

2022 – 2023	Rutgers Robert Wood Johnson Medical Hospital (RWJUH), New Brunswick, NJ 08901 Interventional Pain Fellow
2018 – 2022	Yale New Haven Hospital, New Haven, CT 06510 Anesthesiology Resident
2014 – 2018	Rutgers New Jersey Medical School (NJMS), Newark, NJ 07103 Doctor of Medicine (MD)
2008 – 2012	Rutgers University (Honors Program), Piscataway, NJ 08854 Bachelor of Arts in Cell Biology and Neuroscience (B.A), <i>cum laude</i> Double minor in Women's & Gender Studies, Chemistry

BOARD CERTIFICATES

• USMLE Steps 1, 2, 3 – Pass	2016, 2017, 2018
• ABA Basic – Pass, Top 10%	2020
• ABA Advanced – passed	July 2022
• ABA Oral Board and Pain Board Exam	Taking in Mar, Sept 2023

INVITED ORAL PRESENTATION

“Basivertebral Nerve Ablation – Intracept Procedure” - NJSIPP Regional Meeting, September 29th 2022.

HONORS & AWARDS

- Mar, 2019 Young Physician Leadership in Medicine
- Aug, 2017 Gold Humanism Honors Society
- Aug, 2015/16/17 Rutgers New Jersey Medical School Alumni Association Scholarship
- Aug, 2016 Krans Henle Scholarship (New Jersey Medical Women's Association)
- Sept, 2011 Dale opportunity Award (Capstone Research Honors Thesis)
- Sept, 2011 Edna Newby Internal Student Fund Award (Capstone Research Honors Thesis)
- May 2010 Academic Excellence Award
- Jan, 2010 Institute for Research on Women Scholars Award

PUBLICATIONS

Baldev K., Dai F., Barrett C., Zhou B., Shah M., Howie B., Boominathan P., Zhao X., Li J. Glucocorticoid minimizes local anesthetic infusion requirement through adductor canal block and improves perioperative prosthetic joint range of motion in total knee arthroplasty. PLoS One. 2022 Jan 26;17(1):e0261949. doi: 10.1371/journal.pone.0261949. PMID: 35081134; PMCID: PMC8791457.

Oliver JA., Oliver LA, Aggarwal N, **Baldev K**, Wood M, Makusha L, Vadivelu N, Lichtor L. Ambulatory Pain Management in the Pediatric Patient Population. *Curr Pain Headache Rep.* 2022 Jan;26(1):15-23. doi: 10.1007/s11916-022-00999-y. Epub 2022 Feb 7. PMID: 35129824.

Aggarwal, N., **Baldev, K.**, Chow, R. Erector Spinae Plane Blocks In Patients With Chronic Cancer Related Thoracic Pain. *Pain Medicine Case Reports.* 2021. Vol. 5, No. 3, pp. 93-97. ISSN 2768-5152. <https://www.painmedicine-casereports.com/current/pdf?article=NDY1&journal=28>

Shiwlochan DG., Shah M., **Baldev K.**, Thomas DA., Debrosse M. The Effectiveness of Ketamine in Pediatric Acute Deafferentation Pain after Spinal Cord Injury. *Case Rep Anesthesiol.* 2020 Oct 19;2020:8835292. doi: 10.1155/2020/8835292. PMID: 33133700; PMCID: PMC7591970.

Patel, V.M., & Sylvester, M., **Baldev, K.**, John, A.M., Lambert, W.C., (2017). Achieving Diagnosis: Importance of Proper Biopsy in Autoimmune Bullous Disorders. *Skinmed*, 15 2, 129-131.

Levounis, P.L., & Ascher, M.S. (Editors), American Psychiatry Association (Producer), Lee, H.B., (Filmmaker), & **Baldev, K.**, & Goldman, J. (Actors). (2016, December 13). *Power of therapeutic alliance – The Behavioral Addictions* [Video file]. Retrieved July 21, 2017 from <https://www.youtube.com/watch?v=F0TrWLhIczA&feature=youtu.be&list=PLn0PnqqBKfd0IqF5SHRxI2CwUhf1qPz>

POSTERS & PRESENTATIONS

Parkash, A., **Baldev, K.**, Lee, D. January 2023. “Sympathetic Nerve Blocks for treating CRPS Type 1.” **Poster Presentation** at the Annual Meeting of the **North American Neuromodulation Society (NANS)**, Las Vegas, NV.

Parkash, A., **Baldev, K.**, Nuwar, A., Valimahomed, Ali. January 2023. “Successful Peripheral Nerve Stimulation for Tarsal Tunnel Syndrome.” **Poster Presentation** at the Annual Meeting of the **North American Neuromodulation Society (NANS)**, Las Vegas, NV.

Aggarwal, N., **Baldev, K.**, Schwartz, J. October 2019. “Management of intra-arterial thrombus with alteplase in ECMO patient.” Medically Challenging Case **Poster Presentation** at the Annual Meeting of **American Society of Anesthesiologists**, Orlando, FL.

Baldev, K., Ezz, H., Dhakal, D., Fajardo, E., Kurup, V. “Prompt Recognition of Hemophagocytic Lymphohistiocytosis (HLH) in Critically Ill Patients.” Medically Challenging Case **Poster Presentation** at the Annual Meeting of **American Society of Anesthesiologists**, Orlando, FL.

Shiwlochan, D., Shah, M., **Baldev, K.**, Thomas, DA., Debrosse, M. November 2019. “The Effectiveness of Ketamine in Treating Early Deafferentiation Pain in A Pediatric Patient With Acute Spinal Cord Injury.” Medically Challenging Case **Poster Presentation** at the Annual Meeting of the **American Society of Regional Anesthesia and Pain Medicine**, New Orleans, LA.

Vadivelu, N., Rajput, K., Kodumudi, G., **Baldev, K.** June 2020. “Challenges of Pain Control in the Ambulatory Surgery Setting.” Poster Presentation at the Annual Meeting of the Society for Ambulatory Anesthesia 2020: A Virtual Experience

Adigun, H., **Baldev, K.**, Sifonios, A. January 2018. “Successful Spinal Cord Stimulator following Recent Dural Tear and Epidural Blood Patch.” **Poster Presentation** at the Annual Meeting of the **North American Neuromodulation Society (NANS)**, Las Vegas, NV.

Gupta, A., Agarwal, A., Rosado, M., **Baldev, K.**, Niazi, O.T. February 2017. “The Financial and Clinical Impact of Atrial Fibrillation on Patients Undergoing Trans Catheter Aortic Valve Implantation.” **Poster Presentation** at Annual Meeting of the **New Jersey American College of Cardiology (NJACC)**, West Orange, NJ.

Colao, J., **Baldev, K.**, Atmatzidis, D., Keller, S., Brazeau, C. February 2017. “Online Consultation Service for Student-Run Free Clinics.” **Poster Presentation** at the Annual Conference of the **Society of Student Run Free Clinics (SSRFC)**, Anaheim, CA.

Colao, J., **Baldev, K.**, Atmatzidis, D., Keller, S. February 2017. “Preventative Health Care Advisers at Student-Run Free Clinics.” **Oral Presentation Workshop** at the Annual Conference of the **Society of Student Run Free Clinics (SSRFC)**, Anaheim, CA.

Baldev, K., Crockett, D. April 2012. “Cortical Reorganization Following Traumatic Brain Injury.” **Poster Presentation** at the Annual Undergraduate Research Symposium of the **Aresty Research Center for Undergraduates**, Piscataway, NJ.

Baldev, K., Kremer, P., Zhu, Z., Young, W., September 2010. “The Effect of Lithium Diet on Intracellular Lithium Concentration in Rats.” **Poster Presentation** at the Annual STEM Summer Research Poster Session of the **Douglass Project – Women in S.T.E.M (Science, Technology, Engineering, & Math)**, Piscataway, NJ

EMPLOYMENT HISTORY

Sept 2017 – May 2018	Computer Lab Consultant (Part-time) Rutgers New Jersey Medical School, Newark NJ
May 2015 – Aug 2015	SMDEP (Summer Medical & Dental Education Program) Teaching Assistant (Full-time) Rutgers New Jersey Medical School, Newark NJ
Sept 2013 – May 2018	Faculty Assistant for Biology, Chemistry & Physics (Part-time) Scholar Tutorials, Edison NJ

- July 2013 – June 2014 **Emergency Department Scribe (Full-time)**
Ocean Medical Center, Brick NJ
- July 2013 – May 2014 **Chemistry & Physics Supplemental Instructor (Part-time)**
Rutgers Office of Diversity & Academic Success in Sciences, Piscataway NJ
- Fall 2010, Spring 2012 **Biology & Chemistry Tutor (Part-time)**

RESEARCH EXPERIENCES

- November 2019 - 2021 **Yale Department of Anesthesiology**
Mentor: Dr. Jinlei, Li., Ph. D, Professor
- Project Title: Perineural glucocorticoids decreased local anesthetic usage through continuous adductor canal block in total knee arthroplasty
- Sept 2011 – May 2012 **Capstone Honors Thesis**
Rutgers Robert Wood Johnson Medical School, Piscataway NJ
Mentor: Dr. David Crockett, MA, Ph. D, Assistant Clinical Professor,
Department of Neuroscience
- Project Title: Cortical Reorganization Following Traumatic Brain Injury

SERVICE & LEADERSHIP

Rutgers New Jersey Medical School, Newark NJ

- Sept 2014 – 2018 **Student Family Healthcare Center Clinic**
Student Member: August 2014-June 2016
Clinic Director: July 2016 to April 2018
- Supervising students and responsible for patient care
 - Quality Assurance/Quality Improvement (QA/QI) Co-chair – supervise students involved in QA/QI projects at the clinic, in charge of preventative health care advisors
- July 2017 – May 2018 **Teaching Assistant in Medical Education**
- Instruct first and second year medical students during history and physical examination small group sessions, performing as standardized patients for OSCEs, writing examination questions, facilitate review sessions and serving as mentor
- May 2015 – May 2016 **Club Med** – Internal Medicine Interest Group
Treasurer
Plan budget for events and reimbursements for the academic school year
- May 2015 – May 2016 **New Moms** – Community Service
Co-chair and treasurer
- Plan and co-ordinate educational events at the Harmony House Women’s shelter in Newark, NJ for homeless women, new moms, babies and families, provide free blood pressure and glucose screenings, plan budget and reimbursements for the academic school year

May 2015 – May 2016

S.T.A.T.S – Students Teaching Aids to Students

Co-chair and treasurer

- Plan and co-ordinate prevention workshops, health fairs within the Rutgers community, annual activities spreading awareness during HIV/AIDS week

Aug 2015 – May 2014

NJMS Squared – Newark Junior Mentoring Society

- Provide one-on-one mentorship to at risk Science Park high school students interested pursuing higher educations and careers in medicine

PROFESSIONAL & LOCAL ORGANIZATIONS

- 2018 – Present - American Society of Regional Anesthesia & Pain Medicine
- 2017 – Present - American Society of Anesthesiologists
- 2014 – Present - American Medical Association
- 2012 – Present - Associate Alumnae of Douglass College

HOBBIES & INTERESTS

Cooking vegetarian recipes from Instagram handles 'thechutneylife' and 'myvegetarianroots', Fitness with One Peleton bike and Mari fitness, Traveling (recently embarked on my first solo trip to Italy from pre-COVID times), Just Dance on Nintendo Switch, Paint by numbers, 5K races for noble cause. Fun Fact: I can solve a Rubik's cube and speak 3 Indian languages!