

## **CURRICULUM VITAE**

**NAME:** Sophia B. Bellegarde

### **PRESENT POSITIONS:**

Anatomic and Clinical Pathology Resident  
Beth Israel Deaconess Medical Center, Boston, MA  
*July 2024 – Present*

Clinical Laboratory Science Adjunct Professor/ Didactic Instructor  
NYP Brooklyn Methodist Hospital Allied Health Education  
*September 2016 – Present*

### **BIOGRAPHICAL:**

Date of Birth: September 16, 1991  
  
Citizenship: United States of America  
  
Email Address: sbellega@bidmc.harvard.edu

### **EDUCATION:**

American University of Antigua, College of Medicine, Antigua, West Indies, M.D. Degree  
*January 2020 – May 2024*

St. Joseph's University, New York, NY, MBA in Health Care Administration and Information Systems  
*September 2015 – May 2017*

St. Joseph's University, New York, NY, Bachelor of Science in Biology and Medical Laboratory Science  
*September 2010 – August 2014*

### **POSTGRADUATE TRAINING:**

Beth Israel Deaconess Medical Center AP/CP Residency Program, Harvard Medical School  
Boston, MA  
*July 2024 – Present*

### **LICENSURE:**

Limited Medical License, State of Massachusetts  
*2024-Present*

Clinical Laboratory Technologist, New York State  
*2014 – Present*

### **PROFESSIONAL EXPERIENCE:**

Anatomic and Clinical Pathology Resident, PGY1 / Beth Israel Deaconess Medical Center, Boston, MA  
*July 2024 – Present*

Clinical Laboratory Science Adjunct Professor/ Didactic Instructor NY Presbyterian Brooklyn Methodist Hospital, NYC, NY  
*September 2016 – Present*

Clinical Laboratory Scientist/ Medical Technologist, SUNY Downstate Medical Center, Brooklyn, NY  
*July 2022 – May 2024*

Clinical Laboratory Science Adjunct Professor/ Didactic Instructor, Marist College through Memorial Sloan Kettering Cancer Center, NYC, NY  
*September 2018 - December 2019*

Quality Assurance Supervisor, Transfusion Medicine, NYCHHC Coney Island Hospital Blood Bank  
*June 2018 – February 2020*

Clinical Laboratory Scientist / Transfusion Medicine, Memorial Sloan Kettering Cancer Center, NYC, NY  
*July 2015 – March 2019*

Clinical Laboratory Scientist / Core laboratory, NY Presbyterian Brooklyn Methodist Hospital, NYC, NY  
*July 2014 – March 2019.*

## **HONORS:**

Pathology Residency Social Chair  
Beth Israel Deaconess Medical Center AP/CP Residency Program, Harvard Medical School  
*July 2024 – Present*

Graduated Summa Cum Laude  
American University of Antigua, College of Medicine, Antigua, West Indies  
*May 2024*

Highest Academic Achievement Award (Top GPA of Preclinical Cohort)  
American University of Antigua, College of Medicine, Antigua, West Indies  
*December 2021*

Dean's List,  
American University of Antigua, College of Medicine, Antigua, West Indies  
*May 2020 – May 2024*

Graduated with Honors  
St. Joseph's University, New York, NY, Bachelor of Science in Biology and Medical Technology  
*August 2014*

Siemens Scholarship Recipient - American Society of Clinical Pathology (ASCP)  
St. Joseph's University, New York, NY  
*December 2013*

## **GRANTS AND CONTRACT AWARDS**

Harvard University's Diversity and Inclusion Express Grant Recipient for the Haitians at Harvard Conference 2025.  
Boston, MA

*December 2024*

## **INVITED PRESENTATION**

Co-lecturer: Foundations and Cancer, Harvard Medical School, Boston, MA.  
*September 2016 to Present.*

Lecturer: Immunology, Hematological/Immunological System course, Hematology, NY Presbyterian Brooklyn Methodist Hospital, New York City, NY  
*September 2016 to Present.*

Lecturer: Clinical Chemistry, Marist College through Memorial Sloan Kettering Cancer Center, NYC, NY  
*September 2018 - December 2019.*

Resident Grand Round: Focal Cortical Dysplasia vs Low grade gliomas. Beth Israel Deaconess Medical Center, Harvard Medical School.  
*March 2025*

Educational session speaker: Student Engagement in Future Health Care Roles, Madison Park Technical Vocational High School  
75 Malcolm X Blvd Roxbury, MA  
*February 2025*

Educational session speaker: Inspirational speaker at the American University of Antigua College of Medicine White Coat Ceremony,  
Antigua, West Indies  
*October 2022*

## **COMMITTEES:**

See Test & Treat Committee, College of American Pathologists (CAP) Foundation  
*January 2024 – Present*

GME Diversity, Inclusion & Advocacy (DIA) Council Executive Board Member - Beth Israel Deaconess Medical Center, Harvard Medical School.  
*September 2024 – Present*

Haitians at Harvard annual conference planning committee- Harvard University  
*October 2024 – Present*

Pathology Ambassador – American Society of Clinical Pathology (ASCP)  
*August 2024 – Present*

Medical Education Curriculum Committee – American University of Antigua, College of Medicine, Antigua  
*September 2020 – December 2021*

Transfusion Committee, Coney Island Hospital  
*June 2018-January 2020*

Clinical Laboratory Science Program Advisory Committee – New York-Presbyterian Brooklyn Methodist Hospital  
*January 2017 – August 2024*

## INSPECTIONS:

Participated in NYS Inspection for pathology labs at NYCHHC Coney Island Hospital Blood Bank  
*October 2018 – February 2020*

## MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

College of American Pathologists (CAP)

Association for the Advancement of Blood and Biotherapies (AABB)

American Society of Clinical Pathology (ASCP)

United States and Canadian Academy of Pathology (USCAP)

## OTHER ACTIVITIES:

Interviewing prospective applicants for the pathology residency  
*December 2024-Present*

Lead Teaching Assistant for The Epidemiology Department at American University of Antigua College of Medicine  
*September 2020 – December 2023*

Teaching Assistant for Preclinical Science at American University of Antigua College of Medicine  
*September 2020 – December 2023*

Collaborated with the hospital administration at NYCHHC Coney Island Hospital Blood Bank to establish The Therapeutic Phlebotomy in-house Service.  
*2018 - 2019*

Assisted in facilitating workshop on quality improvement post-NYS inspection and internal audits for the blood bank staff.  
*October 2018- December 2019*

Educational preceptor for medical students and rotating residents in the Blood Bank labs  
*May 2016 – March 2019*

## PEER REVIEWED MANUSCRIPTS:

**Bellegarde, S.B.**, Gibson, V., Andaz, S., Huang, L., Robinson, E., Turi, G., Tofuah, D., Ekhatov, C., Bardarov, S.. (2023, Sep). Massive Hemorrhage Following Spontaneous Mediastinal Inflammatory Myofibroblastic Tumor Rupture: A Case Report. Cureus Part of Springer Nature Group , 15(8), e45833. Cited in PubMed; PMID: PMC10518044. Pub Status: Published. Article URL:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10518044>

**Bellegarde, S.B.**, Gibson, V., Andaz, S., Purrazella, R., Robinson, E., Noel, P., Punter, L., Tofuah, D., Gapizrov, A., Ekhatov, C.. (2023, Sep). Rare Diffuse Idiopathic Pulmonary Neuroendocrine Cell

Hyperplasia (DIPNECH) Finding in 9/11 World Trade Center Survivor. Cureus Part of Springer Nature Group, 16(1):e51862. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/38327919/>

Bhandari, S., Butt, S.R.R., Ishfaq, A., Attaallah, M.H., Ekhtator, C., Halappa Nagaraj, R., Mulmi, A., Kamran, M., Karski, A., Vargas, K.I.,..., **Bellegarde, S.B.**, Ullah, A.. (2023, Jul). Pathophysiology, Diagnosis, and Management of Takayasu Arteritis: A Review of Current Advances. Cureus Part of Springer Nature Group , 15(7), e42667. Cited in PubMed; PMID: 37525862. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37525862/>

Bhandari, S., Yadav, V., Ishaq, A., Sanipini, S., Ekhtator, C., Khleif, R., Beheshtaein, A., Jhaji, L.K., Khan, A.W., Al Khalifa, A., Naseem, M.A., **Bellegarde, S.B.**, Nadeem, M.A.. (2023, Aug). Trends and Challenges in the Development of 3D-Printed Heart Valves and Other Cardiac Implants: A Review of Current Advances. Cureus Part of Springer Nature Group , 15(8), e43204. Cited in PubMed; PMID: 37565179. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37565179>

Ekhtator, C., Devi, M., Barker, C., Safdar, S., Irfan, R., Malineni, J., Hussain, I., Bisharat, P.,Ramadhan, A., Abdelaziz, A.M., **Bellegarde, S.B.**, Saddique, M.N.. (2023, Sep). Arterial Tortuosity Syndrome: Unraveling a Rare Vascular Disorder. Cureus Part of Springer Nature Group , 15(9), e44906. Cited in PubMed; PMID: 37692180. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37692180/>

Ekhtator, C., Grezenko, H., Haider, Z., Ali Cheema, U., Haider, H., Mohsin, S.N., Affaf, M., **Bellegarde, S.B.**, Amir, S., Kumar, S., Shehryar, A., Arif, S., Fareed, M.U., Rehman, A. . (2023, Sep). Beneath the Layers: Deciphering the Molecular Pathways, Therapeutic Avenues, and Neurological Connections of Soft Tissue Sarcomas. Cureus Part of Springer Nature Group, 15(9), e44694. Cited in PubMed; PMID: 37674761. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37674761/>

Ekhtator, C., Qureshi, M.Q., Zuberi, A.W., Hussain, M., Sangroula, N., Yerra, S., Devi, M., Naseem, M.A., **Bellegarde, S.B.**, Pendyala, P.R.. (2023, Aug). Advances and Opportunities in Nanoparticle Drug Delivery for Central Nervous System Disorders: Current Advances. Cureus Part of Springer Nature Group, 15(8), e44302. Cited in PubMed; PMID: 37649926. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37649926/>

Gapizov, A.,Sidhu, H.K., Affaf, M., Safdar, S., Irfan, R.,Ekhtator,C., Saddique, M.N.,Devi, M.,Sillocab Cabana, E.O.,Kamran, M., **Bellegarde, S.B.**, Hussain, I.. (2023, Sep). Unraveling Intravascular Lobular Capillary Hemangioma: A Comprehensive Scoping Review. Cureus Part of Springer Nature, 15(9), e45142 . Cited in PubMed; PMID: 37711265. Pub Status: Published. Article URL:<https://pubmed.ncbi.nlm.nih.gov/37711265/>

Grezenko, H., Ekhtator, C., Nwabugwu, N.U., Ganga, H., Affaf, M., Abdelaziz, A.M., Rehman, A., Shehryar, A., Abbasi, F.A., **Bellegarde, S.B.**, Khaliq, A.S.. (2023, Aug). Epigenetics in Neurological and Psychiatric Disorders: A Comprehensive Review of Current Understanding and Future Perspectives. Cureus Part of Springer Nature Group , 15(8), e43960. Cited in PubMed; PMID: 37622055. Pub Status: Published. Article URL:<https://pubmed.ncbi.nlm.nih.gov/37622055/>

Halappa Nagaraj, R., Grezenko, H., Raut, Y., Butt, S.R.R., Ekhtator, C., Anwaar, M.A., **Bellegarde, S.B.**, Shahzed, S.M.I., Das, A., Shehryar, A., Rehman, A.. (2023, Jul). Recurrent Retroperitoneal Spindle Cell Sarcoma: A Challenging Case Report and Management Considerations. Cureus Part of Springer Nature Group , 15(7), e42658. Pub Status: Published. Article URL:<https://pubmed.ncbi.nlm.nih.gov/37521593/>

Orji, G.I., Mansoor, M., **Bellegarde, S.B.**, Punter, L., Odenigbo, N., Fouron, P.. (2023, May). Extrapyramidal Symptoms in a Bipolar 1 Patient Following Re-initiation of Lithium: A Case Report. Cureus Part of Springer Group , 15(5), e39361. Cited in PubMed; PMID: 37362457. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37362457/>

Saeed, S., Ekhtor, C., Abdelaziz, A.M., Naveed, H., Karski, A., Cook, D.E., Reddy, S.M., Affaf, M., Khan, S.J., **Bellegarde, S.B.**, Rehman, A., Hasan, A.H., Shehryar, A.. (2023, Sep). Revolutionizing Inflammatory Bowel Disease Management: A Comprehensive Narrative Review of Innovative Dietary Strategies and Future Directions. Cureus Part of Springer Nature Group, 15(9), e44304. Cited in PubMed; PMID: 37664362. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37664362/>

Shaikh, U., Khan, A., Kumari, P., Ishfaq, A., Ekhtor, C., Yousuf, P., Halappa Nagaraj, R., Raza, H., Ur Rehman, U., Zaman, M.U., Lakshmipriya Vetrivendan, G., Nguyen, N., Kadel, B., Sherpa, T.N., Ullah, A., **Bellegarde, S.B.** (2023, Jul). Novel Therapeutic Targets for Fibrodysplasia Ossificans Progressiva: Emerging Strategies and Future Directions. Cureus Part of Springer Nature Group , 15(7), e42614. Cited in PubMed; PMID: 37521595. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37521595/>

Yadav,V., Irfan, R., Safdar, S., Sunkara, V., Ekhtor, C., Pendyala, P.R., Devi, M., Shahzed, S.M.I., Das, A., Affaf, M., **Bellegarde, S.B.**, Shrestha, R., Naseem, M.A., Al Khalifa, A.. (2023, Aug). Advances in Understanding and Managing Autoimmune Hepatitis: A Narrative Review. Cureus Part of Springer Nature Group, 15(8), e43973. Pub Status: Published. Article URL: <https://pubmed.ncbi.nlm.nih.gov/37622052/>

## PRESENTATIONS AT PROFESSIONAL SOCIETY MEETINGS:

**Bellegarde, S.B.**, Mejia, E., Rosenbaum, M.W.: Evaluating the Discrepancy Between Pathology Resident Compensation and Local Cost of Living Across the United States. The United States and Canadian Academy of Pathology, 94<sup>th</sup> Annual Meeting, March 22 – March 27, 2025, Boston, MA

**Bellegarde, S.B.**, Gibson, V., Andaz, S., Huang, L., Robinson,E., Turi, G., Tofuah,D., Ekhtor,C., Bardarov, S.:Massive Hemorrhage Following Spontaneous Mediastinal Inflammatory Myofibroblastic Tumor Rupture: A Case Report. Mount Sinai South Nassau Annual Clinical Research Day, March 24, 2023. Oceanside, NY, USA.

Robinson, E., **Bellegarde, S.B.**, Purrazella, R., Gibson, V., Andaz, S.: Rare Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia (DIPNECH) Finding in 9/11 World Trade Center Survivor. Mount Sinai South Nassau Annual Clinical Research Day, March 24, 2023. Oceanside, NY, USA.

## LANGUAGES:

French, Haitian Creole, Spanish

## HOBBIES:

Cooking and Running