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## **ACADEMIC APPOINTMENTS, HOSPITAL APPOINTMENTS, AND OTHER WORK EXPERIENCE**

### **Academic Appointments**

1/21–12/22 **Icahn School of Medicine at Mount Sinai** New York, NY  
Assistant Professor of Medicine, Division of Hematology/Oncology

### **Hospital Appointments**

3/23–11/23 **Columbia University Irving Medical Center** New York, NY  
Nurse Practitioner, Blood and Marrow Stem Transplantation/Cellular Therapies

9/19–12/22 **Mount Sinai Hospital** New York, NY  
Director of Nursing

9/19–12/22 **Mount Sinai Hospital** New York, NY  
Director of Clinical Operations and Program Development,  
Adult Program for Sickle Cell Disease

9/2014–6/22 **Mount Sinai Hospital** New York, NY  
Co-Director, New York Implementation Science Consortium

2/11–12/22 **Mount Sinai Hospital** New York, NY  
Nurse Practitioner, Adult Program for Sickle Cell Disease

9/7–2/11 **The Children's Hospital at Montefiore** Bronx, NY  
Registered Professional Nurse

### **Other Work Experience**

4/24–present **Potomac Psychiatry** Rockville, MD  
Psychiatric Mental Health Nurse Practitioner

7/23–present **Orenda Psychiatry** New York, NY  
Psychiatric Mental Health Nurse Practitioner

## **EDUCATION**

6/23–5/24 **Psychiatry Redefined** Waltham, MA  
Fellow in Integrative Psychiatry

5/18–12/22 **Adelphi University, College of Nursing & Public Health** Garden City, NY  
Advanced Certificate in Psychiatric Mental Health

3/2013–1/20 **Case Western Reserve University,  
Frances Payne Bolton School of Nursing** Cleveland, OH  
Doctor of Nursing Practice  
Capstone Project: Screening Adults with Sickle Cell Disease for Social Determinants of Health

8/14–5/16 **Icahn School of Medicine at Mount Sinai** New York, NY  
MS, Health Care Delivery Leadership

9/7–5/10 **Columbia University School of Nursing** New York, NY

	MS, Family and Oncology Nurse Practitioner	
5/6–5/07	<b>Columbia University School of Nursing</b> BS, Nursing	New York, NY
9/98–8/06	<b>University of Pennsylvania, School of Arts &amp; Sciences</b> MS, South Asian Studies	Philadelphia, PA
9/92–5/96	<b>Wellesley College</b> BA, Religious Studies	Wellesley, MA

#### **NURSE PRACTITIONER CLINICAL TRAINING**

5/22–11/22	<b>Blaisdell Addiction Treatment Center</b> Psychiatric Mental Health Nurse Practitioner Student	Orangeburg, NY
8/21–5/22	<b>Rockland Psychiatric Center</b> Psychiatric Mental Health Nurse Practitioner Student	Orangeburg, NY
1/10–5/10	<b>Memorial Sloan Kettering Cancer Center</b> Oncology nurse practitioner student	New York, NY
9/09–1/10	<b>Columbia Presbyterian Urgent Care Center</b> Family nurse practitioner student	New York, NY
6/09–9/09	<b>Neighborhood and Family Health Center</b> Family nurse practitioner student	Bronx, NY
7/09	<b>Camp Amerikids</b> Family nurse practitioner student	Stamford, CT

#### **GAPS IN EMPLOYMENT**

None

#### **LICENSURE AND BOARD CERTIFICATION**

##### *Licensure*

- Certified Nurse Practitioner in Psychiatric Mental Health and Family Health, Initial date of licensure: 4/3/2024; Maryland; R265902
- Certified Nurse Practitioner, Initial date of licensure: 5/7/2019; Massachusetts; RN2331839
- Nurse Practitioner in Psychiatry, Initial date of licensure: 2/27/2023; New York; 404817
- Nurse Practitioner in Family Health, Initial date of licensure: 6/23/2010; New York; 336355
- Advanced Practice Registered Nurse in Psychiatry and Family Health, Initial date of license: 2/12/2024, Virginia; 0024189470
- Nurse Practitioner, Initial date of licensure: 12/6/2023; Washington: AP61508873
- Registered Nurse, Initial date of licensure: 4/2/2024; Maryland; R265902
- Registered Nurse, Initial date of licensure: 5/7/2019; Massachusetts; RN2331839
- Registered Nurse, Initial date of licensure: 6/15/2007; New York; 587940
- Registered Nurse, Initial date of licensure: 2/9/2024, Virginia: 0001326667
- Registered Nurse, Initial date of licensure: 11/9/2023, Washington: RN60161671

##### *Board Qualification*

- **Board Certified Psychiatric Mental Health Nurse Practitioner**, ANCC, 3/5/2023-304/2028,
- **Board Certified Family Nurse Practitioner**, ANCC, 7/15/2020–7/14/2025
- **Board Certified Pain Management Nurse**, ANCC, 7/29/2016–7/26/2021
- **Consenting Medical Marijuana Practitioner**, NYS, 1/2018–ongoing
- **ACLS**, American Heart Association, 2/23–2/25

- **BCLS**, American Heart Association, 6/22–6/24
- Board Certified Pediatric Nurse, ANCC (expired)
- Certified Pediatric Oncology Nurse, APHON (expired)
- Certified Pediatric Chemo/Biotherapy Provider, APHON (expired)

### **HONORS & AWARDS**

- Invited faculty member, Sickle Cell Disease Workshop, American Society of Hematology, 5/2021
- Director's Award for Outstanding Doctor of Nursing Practice Graduate, Case Western University, 5/2020
- Invited participant, Sickle Cell Disease Workshop, American Society of Hematology, 7/2019–5/2021
- Outstanding Leadership Award, Candice's Sickle Cell Fund, 5/2018
- Outstanding Capstone Award, Icahn School of Medicine at Mount Sinai, 5/2016
- Allied Health Professional of the Year, Division of Hematology/Oncology, Mount Sinai Hospital, 5/2016
- Dedicated and Devoted Service Award, Queens Sickle Cell Advocacy Network, 12/15
- Nursing Research Award, Mount Sinai Hospital, 3/2013
- Nurse Practitioner Honor Roll, Mount Sinai Hospital, 2012–21
- Rudin Foundation Oncology Scholar, Columbia University, 2009
- Invited Student Researcher, Columbia University School of Nursing and The Jonas Center for Nursing Excellence, 9/2006
- William Penn Fellow, University of Pennsylvania, 9/1998-5/2000
- Graduated Cum Laude, Wellesley College, 1996
- First Year Academic Honors, Wellesley College, 1992-1993

### **ACADEMIC SERVICE**

2022	Patient presentation, Icahn School of Medicine at Mount Sinai Hospital Updates on sickle cell management, Hospitalists Grand Rounds, Mount Sinai Hospital, New York, NY. Managing pain in adults with SCD: An update on our practice and national guidelines, Anesthesia Grand Rounds, Mount Sinai Hospital, New York, NY.
2021	Patient presentation, Icahn School of Medicine at Mount Sinai Hospital.
2020	<i>Sickle Cell 101 for Chaplains</i> , Mount Sinai Hospital, New York, NY. Patient presentation, Icahn School of Medicine at Mount Sinai Hospital.
2019	Understanding challenges faced by patients with sickle cell, Mount Sinai Hospital, New York, NY. Patient presentation, Icahn School of Medicine at Mount Sinai Hospital.
2018	<i>Achieving Health Equity for Individuals with SCD</i> , Mount Sinai St. Luke's Hospital, New York, NY.
2016	<i>Sickle cell emergencies</i> . Hospitalists Grand Rounds, Mount Sinai Beth Israel, New York, NY. <i>Updates on Sickle Cell Management</i> , Medicine Grand Rounds, Mount Sinai Queens, Queens, NY.
2015	<i>Common complications in taking care of individuals with sickle cell disease</i> . Hospitalists Grand Rounds, Mount Sinai Hospital, New York, NY.
2014	<i>Managing acute pain in patients with sickle cell disease: Everything you wanted to know but you are afraid to ask</i> . Medicine Grand Rounds, St. Luke's Mount Sinai Hospital, New York, NY. <i>Complication among Hospitalized Patients with Sickle Cell: An Update of the Evidence</i> . Hospitalists Grand Rounds, Mount Sinai Hospital, New York, NY.
2012	<i>A Structured Approach to Managing a Difficult Disease: Answering Frequently Asked Questions by Hospitalists Caring for Patients with Sickle Cell</i> . Medicine Grand Rounds, Mount Sinai Hospital, New York, NY.

### **PROFESSIONAL ORGANIZATIONS AND SOCIETIES**

- Memberships and Positions
  - American Society of Hematology, 2021–present
  - Sickle Cell Disease Association of America, 2020–present
  - Member, Sigma Theta Tau Nursing Honor Society, 2007–present
- Consultative:
  - Advisory Board Member, Global Blood Therapeutics, 2019
  - Advisory Board Member, Novartis, 2018–19
  - Advisory Board Member, Emmaus Life Sciences, 2018
  - Consultant, Gerson Lehrman Group, 2020–2021
  - Consultant, Novartis, 2019
  - Advisor, Nurse Practitioner Roundtable: Focus on Obesity Management, Education and Intervention, American Academy of Nurse Practitioners Foundation, 1/2013
- Journal Reviewer: none
- Editorial Board: none

**FELLOWSHIP AND GRANT SUPPORT**

<b>Funding Source, Project Title and Number</b>	<b>Role in Project</b>	<b>Dates</b>	<b>Direct Costs</b>
NHLBI, New York Sickle Cell Implementation Science Consortium 1U01HL133997-01	Consortium Co-Director, Co-Investigator	8/5/16 – 6/30/22	\$3,100,000
Sickle Cell Disease and Cardiovascular Risk – Red Cell Exchange Trial UH3 HL143192	Co-Investigator	10/1/20 – 9/30/27	\$2,775,824
Nutritional vitamin D3 in patients with sickle cell disease, American Academy of Nurse Practitioners Foundation	Principal investigator	8/12–1/17	\$4,000
NHLBI, Hematopoietic Stem Cell Transplantation for Young Adults with Sickle Cell Disease U01HL128566-02	Site Co-Investigator	9/1/15 – 7/31/20	\$1,454,461

**CLINICAL TRIALS PARTICIPATION**

<b>Project</b>	<b>Role in Project</b>	<b>Dates</b>	<b>Award</b>
Expression of Proteins Involved in Vaso-Occlusion on Peripheral Blood Cells in Plasma of patients with Sickle Cell Anemia Compared to Normal Controls and Patients with B-T	Co-Investigator	6/6/2014	Mount Sinai School of Medicine

RESET – NCT02187003	Co-Investigator	7/1/2018–5/1/2019	Per patient re-imburement
Comparing Acute Pain Management Protocols for Patients with Sickle Cell Disease	Co-Investigator		National Heart, Lung, And Blood Institute/NIH/DHHS

**EDUCATIONAL CONTRIBUTIONS**

**TEACHING ACTIVITIES**

<u>Teaching Activity/Topic</u>	<u>Level</u>	<u>Role</u>	<u>Indicate Level and Number of Learners Taught, and Venue</u>	<u>Number of hours week/month/yr</u>	<u>Evaluation Summary</u>	<u>Years Taught</u>
Live Patient Presentation	1 <sup>st</sup> year medical School Course	Instructor	1 <sup>st</sup> year medical student class, Icahn School of Medicine, New York, NY	1 hour/once yearly	Available on request	2019 - 2022
Leadership workshop	4 <sup>th</sup> year medical course	Leadership Workshop Instructor	15 students, Icahn School of Medicine, New York, NY	4 hours once		2018

**TRAINEES**

<u>Name</u>	<u>Level of Trainee</u>	<u>Role in Training &amp; Inclusive Dates of Training</u>	<u>Training Venue</u>	<u>Trainees' Current Status/Employment</u>
Fry, Callie	Pre-medical post-bachelorette hospital volunteer	Advisor to project aimed at connecting adults with sickle cell disease to COVID-19 vaccine	Mount Sinai Hospital	Served as advisor to Ms. Fry to develop project to facilitate patients with sickle cell disease to get COVID-19 vaccine. Now a student at Harvard Medical School.
Francis, Cassandra	Doctor of Nursing Practice Candidate	Capstone Advisor/Cappella University	Mount Sinai Hospital	Graduated with a Doctorate of Nursing Practice. Employed full-time at Mount Sinai
McCrary, Brittany	Nurse Practitioner Student	Clinical Preceptor/Hunter College of Nursing	Mount Sinai Hospital	Graduated with MS in Nursing and now employed as a Nurse Practitioner in the Adult Program at Mount Sinai
Jacobs, Charleen	Nurse Practitioner Student	Clinical Preceptor/Hunter College Nursing	Mount Sinai Hospital	Graduated with MS in Nursing and now employed as a Nurse Practitioner in the Adult Program at Mount Sinai
Carson, Deborah	Nurse Practitioner	Clinical Preceptor/Hunter College of Nursing	Mount Sinai Hospital	Graduated with MS in Nursing and now employed

	Student			as a nurse practitioner in the Department of Environmental Medicine and Public Health
Skyers-Baynes, Ionie	Nurse Practitioner Student	Clinical Preceptor/Hunter College of Nursing	Mount Sinai Hospital	Graduated with MS in Nursing and now employed as FT nurse practitioner for United Healthcare Group
Mellon, Danielle	Nurse Practitioner Student	Clinical Preceptor/Hunter College of Nursing	Mount Sinai Hospital	Graduated with MS in Nursing and now employed as FT nurse practitioner at New York-Presbyterian Hospital
Doobay, Kamini	Medical Student	Collaborated on research on vitamin D dosing in adults with sickle cell disease	Mount Sinai Hospital	Resident at NYU Medical Center, Department of Emergency Medicine

## **REPORT OF CLINICAL AND PUBLIC HEALTH ACTIVITIES AND INNOVATIONS**

### **Practice or Public Health Activities**

2/11–11/22      **Mount Sinai Hospital**  
Nurse Practitioner

New York, NY

### **Clinical or Public Health Innovations**

I built and supervised a disease-specific inpatient sickle cell consult service team at The Mount Sinai Hospital in New York City. Our team showed consistent results in reducing morbidity and mortality. During the height of the COVID-19 pandemic, I introduced telemedicine services for patients. I also established an ambulatory infusion program for acute pain management and a disease-modifying therapy for this patient population.

### **Clinical or Public Health Administration and Leadership**

As the former Director of Clinical Operations and Program Development for the Adult Program for Sickle Cell Disease at The Mount Sinai Hospital, I oversaw the expansion of care for adults living with sickle cell disease. Under my leadership, I spearheaded several projects to improve care, quadrupled ambulatory clinic hours, and increased the number of patients 5 times. I was a key contributor to generating positive revenue through reducing readmissions and length of stay, improving ED utilization, and establishing a 340B program

### **PATENTS & INVENTIONS**

None

### **PUBLICATIONS**

#### **Peer-Reviewed Original Contributions**

1. **Simon J**, Bichoupan K, Rahman A, Wyatt C, Cromwell C, Glassberg JA, et al. Hemoglobin in Sickle Cell Anemia Is Positively Correlated with 25-hydroxyvitamin D, the Clinical Indicator of Vitamin D Status [selected abstract]. *Am. J. Hematol.* 2013;88:E34–E35.
2. Glassberg J, **Simon J**, Patel N, Jeong JM, McNamee JJ, Yu G. Derivation and preliminary validation of a risk score to predict 30-day ED revisits for sickle cell pain. *Am J Emerg Med.* 2015;33(10):1396-401. Epub 2015/08/19. doi: 10.1016/j.ajem.2015.07.015. PubMed PMID: 26283616; PubMed Central PMCID: PMC4581958.
3. Diep RT, Busani S, **Simon J**, Punzalan A, Skloot GS, Glassberg JA. Cough and wheeze events are temporally associated with increased pain in individuals with sickle cell disease without asthma. *Br J Haematol.* 2015. Epub 2015/03/11. doi: 10.1111/bjh.13325. PubMed PMID: 25753135. PMCID 4534319

4. Perry M, **Simon J**, Gareau D, Glassberg J. Bayesian analyses demonstrate tissue blood volume is not decreased during acute sickle cell pain episodes: A preliminary study. *Clin Hemorheol Microcirc*. 2015. Epub 2015/01/28. doi: 10.3233/CH-141927. PubMed PMID: 25624412. PMCID 4515395
5. Hankins, J, Shah, N, DiMartino, L, Brambilla, D, Fernandez, M, Gibson, R, Gordeuk, V, Lottenberg, R, Kutlar, A, Melvin, C, **Simon, J**, Wun, T, Treadwell, M, Calhoun, C, Bauman, A, Potter, M, Kleges, L, Bosworth, H. Integration of Mobile Health Into Sickle Cell Disease Care to Increase Hydroxyurea Utilization: Protocol for an Efficacy and Implementation Study. *JMIR Res Protoc*. 2020 Jul 14;9(7):e16319.
6. Linton EA, Goodin DA, Hankins JS, Kanter J, Preiss L, **Simon J**, Souffront K, Tanabe P, Gibson R, Hsu LL, King A, Richardson LD, Glassberg JA. A survey-based needs assessment of barriers to optimal sickle cell disease care in the emergency department. *Ann Emerg Med*. 2020 Sep;76(3S):S64-S72. doi: 10.1016/j.annemergmed.2020.08.013.PMID: 32928465
7. Minniti, CP, Zaidi, AU, Nouraie, M, Manwani, D, Crouch, GD, Crouch, AS, Callaghan, M, Carpenter, S, Jacobs, C, Han, J, **Simon, J**, Glassberg, J, Gordeuk, VR, Klings, ES. Clinical predictors of poor outcomes in patients with sickle cell disease and COVID-19 infection. *Blood Adv* (2021) 5 (1): 207–215.
8. Duroseau Y, Beenhouwer D, Broder MS, Brown B, Brown T, Gibbs SN, Jackson K, Liang S, Malloy M, Romney ML, Shani D, **Simon J**, Yermilov I. Developing an emergency department order set to treat acute pain in sickle cell disease. *J Am Coll Emerg Physicians Open* 2021 Aug 7;2(4):e12487. doi: 10.1002/emp2.12487. eCollection 2021 Aug.
9. Badawy SM, DiMartino L, Brambilla D, Kleges L, Baumann A, Burns E, DeMartino T, Jacobs S, Khan H, Nwosu C, Shah N, Hankins JS; **Sickle Cell Disease Implementation Consortium** (member of Consortium). Impact of the COVID-19 Pandemic on the Implementation of Mobile Health to Improve the Uptake of Hydroxyurea in Patients With Sickle Cell Disease: Mixed Methods Study. *JMIR Form Res*. 2022 Oct 14;6(10):e41415. doi: 10.2196/41415. PMID: 36240004; PMCID: PMC9578525.
10. Hankins JS, Brambilla D, Potter MB, Kutlar A, Gibson R, King AA, Baumann AA, Melvin C, Gordeuk VR, Hsu LL, Nwosu C, Porter JS, Alberts NM, Badawy SM, **Simon J**, Glassberg JA, Lottenberg R, DiMartino L, Jacobs S, Fernandez ME, Bosworth HB, Kleges LM, Shah N. A multilevel mHealth intervention boosts adherence to hydroxyurea in individuals with sickle cell disease. *Blood Adv*. 2023 Dec 12;7(23):7190-7201. doi: 10.1182/bloodadvances.2023010670. PMID: 37738155; PMCID: PMC10698253.

**Other Peer Reviewed Publications:** None

**Invited Contributions:** None

**Books and Book Chapters:** None

**Non-Peer Reviewed Publications:** None

#### **MEDIA RESOURCE EDUCATIONAL MATERIALS**

2/21

**NBC News (Today, CNBC, Nightly News).** “Challenges to get COVID-19 Vaccine for people with underlying medical conditions.” NBC correspondent, Gabe Guitterez interviews **Jena Simon** as an expert on the importance of getting vaccinated for people with underlying medical conditions, such as sickle cell disease.

3/19

**CBS This Morning.** “Sickle Cell Anemia Patients React to Breakthrough Treatment [BMT].” CBS Senior Medical Correspondent, Dr. Jon Lapook interviews **Jena Simon** and a group of her patients about their reactions to gene therapy. <https://www.cbsnews.com/video/sickle-cell-anemia-patients-react-to-breakthrough-treatment/>

9/14

**New York Daily News.** “Daily Checkup: Sickle cell disease is a hereditary, life-shortening ailment.” An interview with **Jena Simon** about living with sickle cell disease. <https://www.nydailynews.com/life-style/health/daily-checkup-fighting-sickle-cell-disease-article-1.1933838>

**INVITED AND/OR PEER-SELECTED PRESENTATIONS AT REGIONAL, NATIONAL OR INTERNATIONAL LEVELS:**

- Simon, J.** Managing chronic pain in adults with sickle cell disease: A review of FDA-approved, non-opioid treatments, 16<sup>th</sup> Annual Sickle Cell Disease Research and Educational Symposium, The Foundation for Sickle Cell Research, Ft Lauderdale, FL, 9/22.
- Doobay K, **Simon, J**, Glassberg J, Doyle E, Branch A. *Correcting Vitamin D Deficiency in Adults with Sickle Cell Disease*. Poster presentation at Remodeling the Hematopoietic Barrow Niche [Conference], National Institute of Diabetes and Digestive and Kidney Diseases. Bethesda, MD, 4/17.
- Doobay K, **Simon, J**, Glassberg J, Doyle E, Branch A. Correcting Vitamin D Deficiency in Adults with Sickle Cell Disease. Sickle Cell Research & Education Symposium. Foundation for Sickle Cell Disease Research; Fort Lauderdale, Florida; 4/16.
- Simon J**, Bichopan K, Rahman A, Wyatt C, Cromwell C, Glassberg J, Branch A “Hemoglobin in Sickle Cell Anemia Is Positively Correlated 25-hydroxyvitamin D, the Clinical Indicator of Vitamin D Status” Poster Presentation 7<sup>th</sup> Annual Sickle Cell Disease Research and Educational Symposium and National Sickle Cell Disease Scientific Meeting. Miami, Florida. 4/13.
- Cromwell C, **Simon J**, Glassberg J, Tanabe P, Debaun M. *Among Emergency Physicians, Use of the Term ‘Sickler’ is Associated with Negative Attitudes towards People with Sickle Cell Disease*. Oral Presentation. 7<sup>th</sup> Annual Sickle Cell Disease Research and Educational Symposium and National Sickle Cell Disease Scientific Meeting. Miami, Florida. 4/13.
- Simon, J.**, Cromwell, C. *A Structured Approach to Managing a Difficult Disease: Answering Frequently Asked Questions by Hospitalists Caring for Patients with Sickle Cell*. 7<sup>th</sup> Annual Mid-Atlantic Hospital Medicine Symposium, Icahn School of Medicine at Mount Sinai Hospital, New York, NY, 10/12.
- Simon, J**, Cromwell, C, Glassberg, J. *Challenging Care Management: A Case of Sickle Cell Intrahepatic Cholestasis in a 25 year-old African-American Woman with HgbSS Disease*, 6<sup>th</sup> Annual Sickle Cell Disease Research and Educational Symposium and Annual National SCD Scientific Meeting, Hollywood, FL, 4/12.
- Simon, J.**, *Implementation of Universal Postpartum Depression Risk Screening at Beth Israel Medical Center*, Poster Presentation (Winner) Columbia University School of Nursing and Sigma Theta Tau Alpha Zeta Chapter Assessing Clinical Evidence Poster Session; 3/06.