***Curriculum vitae***

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| **Date Prepared:** | 7/28/2023 |
| **Name:** | Jessica Garcia, MD  |
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| **Work Fax:** | 214-648-3122 |
| **Place of Birth:** | Chicago, IL  |

**Education**

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| --- | --- | --- | --- |
| Year | Degree | Field of Study | Institution |
| 2003-2007 | B.S. | Kinesiology  | University of Illinois at Urbana-Champaign |
| 2008-2012 | M.D | Doctor of Medicine | University of Illinois College of Medicine at Peoria |

**Postdoctoral Training**

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| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline | Institution |
| 2012-2015 | Resident  | Pediatrics | University of Illinois College of Medicine at Peoria/Children’s Hospital of Illinois at OSF St. Francis Medical Center |
| 2015-2018 | Fellow | Pediatric Hematology/Oncology | Medical College of Wisconsin Affiliated Hospitals, Inc./Children’s Hospital of Wisconsin  |

**Current Licensure and Certification**

Licensure

Wisconsin State Medical License Exp 10/31/2019

Texas State Medical License Exp 05/31/2024

Board and Other Certification

American Board of Pediatrics Issued 10/2015

American Board of Pediatric Hematology/Oncology Issued 05/2019

**Honors and Awards**

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| --- | --- | --- |
| Year | Name of Honor/Award | Awarding Organization |
| 2006 | Alpha Sigma Nu, Honor Society | University of Illinois at Urbana-Champaign  |
| 2007 | 39th Annual Mom’s Day Scholarship Award | University of Illinois at Urbana-Champaign |
| 2007 | Alpha Sigma Nu, Honor Society | University of Illinois at Urbana-Champaign |
| 2008 | National Medical Fellowship Scholarship | National Medical Fellowship |
| 2009 | National Medical Fellowship Scholarship | National Medical Fellowship |
| 2012 | Joseph & Ellen Solovy Endowed Scholarship | University of Illinois College of Medicine at Peoria  |
| 2012 | Kerry Spooner-Dean MD Endowed Award | University of Illinois College of Medicine at Peoria |
| 2012 | Urbana Health Program Leadership Award  | University of Illinois College of Medicine at Peoria |
| 2012 | Pediatrics award-site award  | University of Illinois College of Medicine at Peoria |
| 2013 | Outstanding Patient Advocate Award  | University of Illinois College of Medicine at Peoria/Children’s Hospital of Illinois  |
| 2015 | Excellence in Pediatric Ambulator Care, Pediatric Dept. Resident Award | University of Illinois College of Medicine at Peoria/Children’s Hospital of Illinois  |
| 2015 | Excellence in Pediatric Research Award, 1st place in content and presentation of pediatric research project | University of Illinois College of Medicine at Peoria/Children’s Hospital of Illinois  |
| 2015 | 1st place in platform presentation of pediatric research project | OSF Healthcare 2015 Annual Research Symposium  |
| 2015 | 2nd place in poster presentation of pediatric research project | OSF Healthcare 2015 Annual Research Symposium  |
| 2016 | Clinical Fellowship Award | National Hemophilia Foundation (NHF)  |
| 2017 | Abstract Achievement Award | American Society of Hematology  |
| 2017 | Center for Advanced Training in Hemophilia and Inhibitor Management Scholarship | Nationwide Children’s  |
| 2017 | Pediatric Loan Repayment Program | National Institute of Health (NIH)  |
| 2018 | Research & Quality Award | Medical College of Wisconsin Affiliated Hospitals, Inc  |
| 2018 | Young Investigator Travel Award  | Thrombosis & Hemostasis Societies of North America  |
| 2020 | Travel Award | 2020 HTRS Research Colloquium |
| 2021 | Travel Award | 2021 HTRS Research Colloquium  |
| 2023 | Travel Award | 2023 HTRS Research Colloquium  |

**Faculty Academic Appointments**

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| --- | --- | --- | --- |
| Year(s) | Academic Title | Department/Division | Academic Institution |
| 2018-2019 | Instructor  | Pediatric Hematology/Oncology  | University of Texas Southwestern Medical Center, Dallas |
| 2019-Present | Assistant Professor | Pediatric Hematology/Oncology  | University of Texas Southwestern Medical Center, Dallas  |

**Appointments at Hospitals/Affiliated Institutions**

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| Current |
| Year(s) | Position Title | Department/Division | Institution |
| 2018-Present | Attending Physician | Pediatric Hematology/Oncology | Children’s Health Dallas, TX |
| 2018-Present | Attending Physician | PediatricHematology/Oncology | Children’s Health Legacy, Plano, TX  |
| 2018-Present  | Consulting Staff | Pediatric Hematology/Oncology  | Parkland Memorial Hospital  |
| 2018-Present | Consulting Staff | Pediatric Hematology/Oncology  | Texas Health Presbyterian Hospital Dallas  |

**Major Administrative/Leadership Positions**

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| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 2018-Present | Pediatric Physician Representative from CMC for the Hemophilia Transition Clinic with UTSW Adult Hemophilia Program | UTSW/CMC-Dallas  |

**Committee Service**

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| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| Local |
| 2023 | 2022 AAMC Standpoint Survey Committee  | UT Southwestern |
| 2022-Present  | Scholarly Oversight Committee-PICU fellow  | UT Southwestern  |
| 2020-Present  | Point of Care Ultra Sound Task Force Committee | Children’s Health  |
|  |  |  |
|  |  |  |
| State/Regional |
| 2022-Present | Member: Thesis Committee-Post-doc student  | University of North Texas  |
|  |  |  |
| National/International |
| 2022-2024 | Co-Chair: Consortium of Early Career, Clinical, Translational, and Outcomes Researchers | Hemostasis and Thrombosis Research Society  |
| 2023 | Served on Medical Advisory Board for Sanofi re: Hemophilia Non-factor (Fitusiran) Potential Opportunity Within the Treatment Landscape | Sanofi |
| 2022 | Served on HCP Advisory Board for Sanofi re: Efanesoctocog Alfa Phase 3 Clinical Trial Data | Sanofi  |
| 2022 | Served on Hematology Advisory Board for Bayer re: Comparative PK data on Kogenate FS and Kovaltry/Jivi  | Bayer |
| 2022 | Served on Advisory Board for HEMA Biologics re: Scientific and Clinical data Relating to the use of Eptacog Beta in Patients with Hemophilia and Inhibitors  | HEMA Biologics  |
| 2021 | Served on Hemophilia Gene Therapy ASH Advisory Board for Pfizer re: Gene Therapy Trials in Hemophilia  | Pfizer  |
| 2020 | Served on HCP Advisory Board for Genentech re: Provider Experience with Hemlibra and Potential Data Gaps | Genentech  |

**Professional Societies**

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| --- | --- |
| Dates | Society Name, member |
| 2012-2018 | American Academy of Pediatrics |
| 2015-Present  | American Society of Hematology  |
| 2015-Present | American Society of Pediatric Hematology/Oncology  |
| 2016-Present | Hemostasis and Thrombosis Research Society  |

**Editorial Activities**

|  |  |
| --- | --- |
| Year(s) | Journal Name |
| Ad Hoc Reviewer |
| 2021-2023 | Haemophilia  |
| 2021-2023 | Transfusion and Apheresis Science  |
| 2021 | Pediatric Blood & Cancer  |

**Clinical Trials Activities**

|  |  |
| --- | --- |
| Present |  |
| 2020-Present | *Grantor:*Stago |
|  | POCUS |
|  | PI  |
| 2020-Present | *Grantor:*ATHN |
|  | ATHN 10: Rare Coagulation Disorders Project  |
|  | Local-PI  |
| 2021-Present | Grantor: Children’s Hospital Los Angeles/Grifols Shared Services North America Inc. |
|  | PRIORITY (Preventing InhibitOR Recurrence IndefiniTeIY) |
|  | Local-PI  |
| 2023-Present | Grantor: Sanofi |
|  | ATLAS-NEO (Phase 3, single-arm, multicenter, multinational, open-label, one-way crossover study to investigate the efficacy and safety of fitusiran prophylaxis in male participants ≥ 12 years with severe hemophilia A or B, with or without inhibitory antibodies to factor VIII or IX) |
|  | Local-PI  |

**Teaching Activities**

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| --- | --- |
| Year(s) | Activity |
| Medical and graduate school didactic and small group teaching |
| 2018-Present | Hematology/Oncology unit primary attending to year three and four medical students-9 weeks per year  |
| 2018-Present | Fellowship training in Pediatric Hematology/Oncology-three fellows per year  |
| 2019-Present | Hemostasis Board Review for Hematology/Oncology Boards. Hematology/Oncology fellows |
| 2019-2022 | Resident Acute Care Elective: Hematologic Emergencies  |
| 2019-Present | Resident Noon Conference: Bleeding Disorders  |
| 2023-Present  | Coagulopathy Team Base Learning Faculty for M1 Students  |

**Invited Lectures**

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| --- | --- | --- |
| Year(s) | Title | Location |
| National/International |
| 1/20/2023, 2/14/2023, 3/10/2023 | Clinical Care Options Educational Program Series: Clinical Insights and Guidance on New Evidence and the Expanding Treatment Options for Hemophilia  | Virtual |

**Mentoring Activities**

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| --- | --- | --- | --- | --- | --- |
| Title | Project Role | Mentee | Years Inclusive | Funding Source | Outcome  |
| Case Report: Control of Refractory Autoimmune Hemolytic Anemia with IVIG in an 11 Week Old  | Mentor | Austin Warne | 2019-Present | N/A | Unable to present poster at ASPHO due to COVID-19 pandemic |
| Case Report: Macrothrombocytopenia, Significantly Elevated IPF, and Severe Epistaxis Mistaken For ITP: A Case Report of GNE-related Thrombocytopenia | Mentor | Gabriella Nguyen  | 2022-Present | N/A | Presented poster at the Hemostasis & Thrombosis Research Society Conference  |

**Bibliography**

**Peer-Reviewed Publications**

|  |  |
| --- | --- |
|  | Driskill JH, Cantu MD, **Garcia J**, Dickerson KE, Chen W. Pancytopenia and Haemoatopoietic Precursor Vacuolisation in an Infant: Clues to Pearson Syndrome. BJH. 2023. Accepted and in production.  |
|  | **Garcia J**, Mankin P, Gnanamony M, de Alarcon PA. Insights image for “Evaluation of angiogenic signaling molecules associated with reactive thrombocytosis in an iron deficient rat model. Pediatr Res. 2021 Aug;90(2):492. PMID: 34108625. |
|  | **Garcia J,** Mankin P, Gnanamony M, de Alarcon PA. Evaluation of angiogenic signaling molecules associated with reactive thrombocytosis in an iron deficient rat model. Pediar Res. 2021 Aug;90(2):341-346. PMID: 33469189. |
|  | **Garcia J** and Zia A.Real-world case series and summary of current literature of infants and toddlers with severe hemophilia A with inhibitor on prophylaxis with emicizumab. Pediatr Blood Cancer. 2021 May;68(5):e28942. PMID:33559300.  |
|  | Phen C, Woolley J, Shannon K, **Garcia J**, Baez Hernandez N, Aqul A. COVID-19 in a Pediatric Patient: Novel Presentation of Cardiac Failure resulting in Chylous Ascites and Abdominal Pain. JPGN Rep. 2021 Mar 30;2(2):p e068. PMID: 34192293 |
|  | **Garcia J**, Flood VH, Haberichter SL, Fahs SA, Mattson JG, Geurts AM, Zogg M, Weiler H, Shi Q, Montgomery RR. A rat model of severe VWD by elimination of the VWF gene using CRISPR/Cas9. Research and Practice in Thrombosis and Haemostasis. 2019; 4(1):64-71. PMID: 31989086. |
| 1.
 | Flood VJ, **Garcia J**, Haberichter SL. The role of genetics in the pathogenesis and diagnosis of type 1 Von Willebrand Disease. Curr Opin Hematol. 2019; 26(5):331-335. PMID: 31261173. |
|  | Master Sankar Raj V, **Garcia J**, Gordillo R. 17 year old boy with renal failure and the highest reported creatinine in pediatric literature. Case Rep Pediatrics. 2015; 2015: 703960. PMID: 26199780. |

**Non-peer reviewed scientific or medical publications/materials in print or other media**

 Publications

|  |  |
| --- | --- |
|  | Ludwig K, **Garcia J**. Diagnosis and Treatment of Hemophilia. Pediatric Society of Greater Dallas-First Quarter 2021 Newsletter.  |

 **Oral Presentations**

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| --- | --- |
| 1.
 | Dang M, Cheng A, Parikh M, Lee Ying, **Garcia J**, Huang C, Bowens C, Hoffman O, Baltagi S, Pimpalwar S, Rinzler E, Han B, Reddy S, Ghouri M, Arar Y, Divekar A, Zia A. Bringing PERT to Pediatrics: Implementing and Examining Outcomes of the First Pediatric Pulmonary Embolism Response Team (PERT). (Will be presented at the Hemostasis and Thrombosis Research Society 2023 Scientific Symposium, Orlando, FL March 2023) |
|  | **Garcia J**, Flood VH, Haberichter SL, Geurts AM, Weiler H, Montgomery RR. Characterization of a VWF KO Rat. (Oral presentation at the Thrombosis & Hemostasis Summit of North America, San Diego, California, April 2018)  |
|  | **Garcia J,** Mankin P, Wang Y, de Alarcon PA. Evaluation of Angiogenic Cytokines Associated with the Reactive Thrombocytosis Caused by Iron Deficiency Anemia. (Oral presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting, Phoenix, Arizona, May 2015) |
|  | **Garcia J**, Master Sankar RV, Gordillo R. Highest Serum Creatinine in a Pediatric Patient. (Oral presentation at the Pediatric Academic Society Annual Meeting, San Diego, California, April 2015) |
|  | **Garcia J**, Master Sankar RV, Gordillo R. Highest Serum Creatinine in a Pediatric Patient. (Oral presentation at the Academic Pediatric Association Region V Meeting, Cincinnati, OH, December 2015) |

**Poster Presentations**

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| --- | --- |
|  | Saini S, Formella J, Zhang S, Yates S, **Garcia J**, Sharma R, Sarode R, Zia A. High Annualized Bleeding Rates in Pediatric Patients with Mild IPFD. (Presented at the International Society of Thrombosis and Hemostasis 2023 Congress, Montreal, Canada, June 2023) |
|  | **Garcia J**, Salas, N, Zia A. Pediatric Persons with Hemophilia A on EHL-FVIII or Emicizumab Prophylaxis Require Iron Therapy Despite Low Annualized Bleeding Rate. (Presented at the Hemostasis and Thrombosis Research Society, Orlando, FL March 2023) |
|  | **Garcia J,** Zia A. Serious Breakthrough Bleeds in Patients with Severe Hemophilia A With and Without an Inhibitor on Emicizumab Prophylaxis. (Presented at the Hemostasis and Thrombosis Research Society 2023 Scientific Symposium, Orlando, FL March 2023) |
|  | Nguyen G, Zia A, **Garcia J.** Macrothrombocytopenia, Significantly Elevated IPF, and Severe Epistaxis Mistaken For ITP: A Case Report of GNE-related Thrombocytopenia. (Presented at the Hemostasis and Thrombosis Research Society 2023 Scientific Symposium, Orlando, FL March 2023) |
|  | McCarty K, Nero A, **Garcia J**, Pham A. Rivoraxaban for Treatment of Acute Venous Thromboembolism and Thromboprophylaxis in Pediatric Patients with Sickle Cell Disease: A Case Series. (Presented at the Hemostasis and Thrombosis Research Society 2023 Scientific Symposium, Orlando, FL 2023)  |
|  | **Garcia J**, Zia A. Thrombosis and Transient Acquired Thrombophilia Triggered by Epstein-Barr Virus in Pediatrics. (Presented at the Thrombosis & Hemostasis Summit of North America, Virtual Meeting, October 2020) |
|  | **Garcia J**, Zia A. Emicizumab Prophylaxis in a Racially Diverse Pediatric Population with Hemophilia A with and without Inhibitors. (Presented at the International Society of Thrombosis and Hemostasis 2020 Congress, Virtual Meeting July 2020).  |
|  | Warne A, **Garcia J**. Control of Refractory Autoimmune Hemolytic Anemia with IVIG in an 11 Week Old. (Due to COVID-19 pandemic, unable to present at the American Society of Pediatric Hematology/Oncology Annual Meeting, Fort Worth, Texas, May 2020) |
|  | Gnanamony M, **Garcia J**, de Alarcon P. Angiogenesis in Iron Deficiency Induced Reactive Thrombocytosis. (Presented at the American Society of Hematology Annual Meeting, San Diego, California, December 2018) |
|  | **Garcia J**, Christopherson PA, Flood VH, Gill JC, Montgomery RR, James P, Simpson P, Zhang L, and Abshire TC. Select ISTH-BAT Subscores Contribute More to the Total Score in Type 1 VWD. (Presented at the American Society of Hematology Annual Meeting, Atlanta, Georgia, December 2017) |
|  | **Garcia J**, Szabo MD, Tower R. Multicentric Reticulohistiocytosis in a Pediatric Patient. (Presented at the American Society of Pediatric Hematology/Oncology Annual Meeting, Minneapolis, Minnesota, May 2016) |
|  | **Garcia J**, Mankin P, Wang Y, de Alarcon PA. Histological Evaluation of Megakaryocytes and Angiogenic Signaling Molecules of Bone Marrow in Experimentally Induced Iron Deficiency Anemia. (Presented at the American Society of Hematology Annual Meeting, Orlando, Florida, December 2015) |
|  | **Garcia J**, Fernandez K. Diverse Presentation of Severe Combined Immunodeficiency. (Presented at the American Society of Pediatric Hematology/Oncology Annual Meeting, Chicago, Illinois, May 2014) |
|  | **Garcia J**, Fernandez K. Carcinoma of the Bladder in a patient with Costello Syndrome (Presented at the American Society of Pediatric Hematology/Oncology Annual Meeting, Miami, Florida, May 2013) |

**Grant Support**

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| --- | --- |
| Past | Grantor: National Hemophilia Foundation-Baxalta |
|  | Title: Studying the biology of VWF in a rodent model  |
|  | Role: Principal Investigator  |
|  | $200,000- total direct costs 08/2016-08/2018 |