**The Faculty of Medicine of Harvard University**

**Curriculum Vitae**

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| **Date Prepared:** | July 13, 2020 |
| **Name:** | Mara Alexeev |
| **Office Address:** | 300 Longwood Avenue, Boston, MA 02115 |
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| **Work Phone:** |  |
| **Work Email:** | [mara.alexeev@childrens.harvard.edu](mailto:mara.alexeev@childrens.harvard.edu) |
| **Place of Birth:** | Marshalltown, Iowa |

Education:

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| 8/2004 - 5/2008 | BS  (Summa Cum Laude) | Major: Biochemistry  Minors: Mathematics, German, Russian Studies | Iowa State University |
| 8/2008 - 5/2012 | MD  (Teaching Distinction Track) | Medicine | University of Iowa |
| 7/2015 - 5/2016 | MPH | Interdisciplinary | University of California, Berkeley |

Postdoctoral Training:

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| 6/2012-6/2013 | Intern | Pediatrics | Kaiser Oakland Medical Center |
| 6/2013-6/2015 | Resident | Pediatrics | Kaiser Oakland Medical Center |
| 9/2019-6/2020 | Pediatric Chief Resident | Pediatrics | Memorial Sloan Kettering Cancer Center |
| 7/2020-Current | Fellow | Clinical Informatics | Boston Children’s Hospital |

Appointments at Hospitals/Affiliated Institutions:

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| 10/2016-6/2017 | Attending Physician | Outpatient Pediatrics | Hawaii Permanente Medical Group |
| 8/2017-4/2018 | Field Physician | Office of School Health | NYC Department of Health and Mental Hygiene |

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Committee Service:

Local

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| 2019-2020 | Quality Assessment | Memorial Sloan Kettering Cancer Center Member |
| 2019-2020 | Operation Excellence | Memorial Sloan Kettering Cancer Center Member |
| 2019-2020 | RISQ Group | Memorial Sloan Kettering Cancer Center Member |

Editorial Activities:

* Ad hoc Reviewer

Pediatrics

Honors and Prizes:

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| 2004 | National Merit Scholar | National Merit Scholarship Program |  |
| 2004-2008 | National Merit Scholarship | Iowa State University | Full ride scholarship |
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| 2006 | Award for Excellence in German Writing | Iowa State University  World Languages Department |  |
| 2007 | Robert Stupka Memorial Scholarship | Iowa State University  Department of Biochemistry, Biophysics, and Molecular Biology | For leadership and research excellence |
| 2011 | Boulware Community Leadership Award Recipient | University of Iowa  Carver College of Medicine | For medical student leadership |
| 2011 | Gold Humanism Honor Society | University of Iowa |  |
| 2015 | Resident Teaching Scholar | Kaiser Permanente Pediatric Residency  Resident Teaching Scholars Program | Completed additional training in clinical teaching |

**Report of Clinical Activities and Innovations**

Current Licensure and Certification:

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| 2015 | Board Certification, American Board of Pediatrics |

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| 2017 | New York State Medical License |

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| 2014 | California State Medical License (Retired Status) |

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| 2019 | PALS Certification |
| 2019 | NRP Certification |
| 2020 | Massachusetts State Medical License |

Clinical Innovations:

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| Admission order set creation at MSKCC 2020 | Completely revised the pediatric general oncology order set to allow for improved workflow for admitting physicians, easier prescribing of antibiotics for fever and neutropenia, inclusion of occupational and physical therapy orders to decrease time from admission to start of rehabilitation sessions, appropriate pediatric diet orders, revision of blood product transfusion guidelines appropriate for pediatric patients. Individual project. |
| Pediatric oncology handoff creation at MSKCC 2020 | Creation of modern handoff within the EMR to auto populate important clinical information to reduce duplication of physician workload and documentation. Creation of style guide for resident physicians to encourage best practices in handoff communication to improve hand offs between teams and communication with nursing staff. Individual project. |
| Pediatric Resident Manual creation at MSKCC 2019-2020 | Wrote an entire house staff guide of pediatric oncology workflow for the inpatient service covering topics from basic communication practices to how to complete complicated discharges for patients with extensive care needs. Used by house staff, fellows, and AAPs. Individual project. |
| Clinical Summary Sheet for High Dose Methotrexate at MSKCC 2019-2020 | Condensed and summarized MSK Kids most common high dose methotrexate protocol for the treatment of osteosarcoma to decrease errors during this chemotherapy administration and streamline admission orders. Individual project. |
| Clinical Summary Sheet for MIBG Therapy at MSKCC 2020 | Created a summary sheet for resident physicians for admissions for patients receiving MIBG therapy as treatment for their neuroblastoma to eliminate delays in the ordering of complicated medications and procedures, improve management of nausea in patients, and reduce unnecessary lab orders. Individual project. |
| Clinical Summary Sheet for AALL1731 at MSKCC 2020 | Created a draft summary sheet for high dose methotrexate administration for a protocol new to the institution to reduce errors in fluids, labs, and interpretation of methotrexate levels, needed adjustments in fluids, lab orders, and leucovorin dosing. Individual project. |
| Discharge Guide for Pediatric Oncology at MSKCC 2020 | Developed cross disciplinary guide for house staff and APPs to use to improve discharge process for patients to improve safety and timeliness of discharge process. Individual project. |
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Activities

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| 2019-2020 | R/Medicine Conference  Member of Organizing Committee |
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Narrative Report

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| After completing my combined pediatric residency at Kaiser Permanente in Oakland, CA and an MPH at  University of California, Berkeley, I worked as an outpatient pediatrician in Maui, Hawaii and as a school  physician in New York City with Department of Health and Mental Hygiene.    Following the birth of my son I used my year away from clinical medicine to learn how to program and  decided to pursue a fellowship in Clinical Informatics. Immediately prior to starting my Clinical  Informatics fellowship at Boston Children’s Hospital, I was the Chief Pediatric Resident at Memorial Sloan  Kettering Cancer Center, where I am became deeply interested in combining my interests in pediatric  oncology and clinical informatics.    In addition to clinical informatics and pediatric medicine, I am very interested governmental policy that  shapes the care I deliver to children and the technology used to do so. |

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