OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02/28/2023)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Meghan Chandler

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Clinical Research Nurse Coordinator

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE(if applicable) | Completion DateMM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
| University of Iowa | BSN | 12/2000 | Nursing |

**A. Personal Statement**

Radiation Oncology research nurses represent experienced, well-trained clinical trials staff specializing in implementing clinical research. This group of clinical researchers has conducted clinical trials since 2012. We initiate, conduct, and complete all aspects of complex human subjects’ research, including eligibility determination, the oversight of any infusions (including administration, review of, and contraindications) and adverse event reporting. In addition, we provide expert guidance and resources as well as interface with the Holden Comprehensive Cancer Center. Our involvement in clinical trials over the past decade include: successful completion of imaging and blood studies, several cooperative group trials, studies such as the Ketogenic Diet trial for Lung and Pancreatic cancer (PMCID: [PMC5510645](http://www.ncbi.nlm.nih.gov/pmc/articles/pmc5510645/)), as well as the Soligenix trial, a pivotal, double-blind, randomized, placebo-controlled, multinational study of SGX942 (dusquetide) for the treatment of oral mucositis in patients being treated with concomitant chemoradiation for the treatment of squamous cell carcinoma of the head and neck.

**B. Positions, Scientific Appointments, and Honors:**

**Positions and Scientific appointments**

2019-present Research Associate Radiation Oncology, University of Iowa Hospitals and Clinics

2015-2019 Research Associate Holden Comprehensive Cancer Center, University of Iowa Hospitals and

2008-2015 Staff Nurse Infusion Suite, University of Iowa Hospitals and Clinics

2007-2008 Staff Nurse Holden Comprehensive Cancer Clinic, University of Iowa Hospitals and Clinics

2000-2007 Staff Nurse 4JPE, University of Iowa Hospitals and Clinics

**C. Contributions to Science:**

**1. Development of Clinical trials structure for Pharmacological Ascorbate**

**Ascorbate has demonstrated efficacy in treating a range of tumors and is believed to act as a radiosensitizer enhancing the response to standard-of-care radiation therapy. Our team has sought to provide structure through the development of Clinical Trials Core C, which is responsible for providing experienced, well-trained clinical trial staff specializing in implementing translational, clinical research involving pharmacological ascorbate.**

1. **Kasi, Pashtoon Murtaza, Kellie Bodeker, Daniel James Berg, Chandrikha Chandrasekharan, Saima Sharif, Brian J. Smith, Sandy Vollstedt, Heather Brown, Meghan Chandler, and Joseph J. Cullen. "A phase II trial of pharmacological ascorbate, gemcitabine, and nabpaclitaxel for metastatic pancreatic cancer." (2020): TPS791-TPS791**

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