

CURRICULUM VITAE

Date Prepared: 6/2023

Name: Mitchell B Crawford, D.O.

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Current Employment

- 02/2021 – current Medical Director, WellSpan Specialized Treatment and Recovery Team (START)
Co-founded the innovative program which is a certified community behavioral healthcare center at WellSpan Health, now serving as the lead physician for administrative and clinical support.
- 07/2019 – current Director of Addiction Services, WellSpan Health
The duties of the position are to standardize and expand addiction treatment throughout the entire catchment area of the WellSpan Health system. The scope of the role ranges from expanding our hub-and-spoke model for treatment delivery to developing order sets, policy, and teams for new service delivery. Please do not hesitate to request additional information regarding the leadership, teaching, and clinical duties performed in this role.

Academic Appointment

- 12/2022 – current Assistant Professor of Psychiatry, Drexel University College of Medicine

Board Certification

- Psychiatry, Certified, American Board of Psychiatry and Neurology
- Addiction Medicine, Certified, American Board of Preventative Medicine

Medical Education and Postdoctoral Training

- 08/2011 – 06/2015 Doctor of Osteopathic Medicine, Philadelphia College of Osteopathic Medicine (PCOM), Philadelphia, PA
- 06/2015 – 06/2019 Psychiatry Resident, Harvard South Shore Psychiatry Training Program (HSS), Harvard Medical School/VA Boston Healthcare, Brockton, MA
- 09/2020 – 04/2022 Graduate, Physician and Advanced Practice Provider Leadership Academy (PALA), WellSpan Health, York, PA

Prior Education

- 08/2004 – 06/2006 Chemical Engineering, New Jersey Inst of Tech, Newark, NJ
- 06/2006 – 06/2009 B.S. Biology (Molecular Bio/Biotech), Millersville University, Millersville, PA
- 08/2010 – 08/2011 Post-baccalaureate Premedical Program, PCOM, Philadelphia, PA

Additional Supporting Information

Clinical Skills

- 06/2018, 2019 Professionalism Award (HSS)
Nominated by peers, faculty, and staff, this award is presented to one resident per year and is the highest resident award at HSS, awarded both in 2018 and 2019
- 01/2014 Alliance Medical Education Scholarship (Pennsylvania Medical Society) – First Place Award
Awarded based on medical school performance, letters of recommendation, and essay
- 01/2013 Alliance Medical Education Scholarship (Pennsylvania Medical Society) – Second Place Award
- 05/2013 Lancaster County Medical Association Scholarship
Awarded based on medical school performance, letters of recommendation, and essay
- 06/2013 Joseph M. Marino Award in Physical Examination and Diagnosis (PCOM)
Presented to a third year medical student who has proven exemplary in physical examination and diagnosis
- 06/2012 Sigma Sigma Phi (National Osteopathic Medicine Honors Fraternity)
Inducted as a junior member then inducted as a full member in good standing in 2015

Please feel free to request information regarding performance evaluations during residency and attending career.

Leadership

- 07/2020 - current Medical Executive Committee for WellSpan Philhaven
Nominated and elected to serve as Vice President, previously serving as Physician at Large.
- 07/2019 - current Workgroup and Program Leader at WellSpan Health
I currently serve in leadership of multiple workgroups and operational teams in my role as the Director of Addiction Services and as a psychiatrist in WellSpan Philhaven.
- 07/2015 – 06/2016 Ombudsman at Harvard South Shore
Chosen by my classmates, I represented my class of residents to the administration.
- 07/2013 – 06/2015 Geisinger Clinical Campus Class Representative
Elected by my peers, I represented the medical students at curriculum committee meetings and functioned as a liaison between the administration and the medical students of the Geisinger Clinical Campus. The Geisinger clinical campus is comprised of medical students from schools in Pennsylvania who apply and are accepted to complete their third- and fourth-year clerkships within the Geisinger Health System.
- 06/2012 – 06/2015 Student Ambassador to the Philadelphia College of Osteopathic Medicine
I was elected by the administration based on an essay and my scholastic record; I served as a representative of the school in various roles such as leading tours to prospective students and meeting with students who were interviewing.
- 06/2012 – 06/2013 Surgery Club National Liaison (PCOM)
My peers elected me to serve on the executive board of the local chapter of the club as the liaison to the national organization. Of note, during my tenure our chapter won the bid for, and hosted the national convention at PCOM.

Involvement

Professional Affiliations

American Society of Addiction Medicine
American Medical Association
American Academy of Addiction Psychiatry

Involvement in Healthcare

- 10/2022 - current Opioid Advisory Board, York County
- I was invited to serve on this community board to help guide decisions for the county regarding use of and distribution of settlement funds*
- 05/2021 - current Overdose Fatality Review Team, York County
- I was invited to serve on this review team to examine fatal overdose events in the community to recognize opportunities for improvement and create actionable items in response to the learnings*
- 08/2019 - current Lancaster County Joining Forces Steering Committee
- I was invited to serve in this community organization to provide clinical expertise and guidance to support the effort of reducing harm from opioid misuse in Lancaster County, Pennsylvania*
- 06/2017 - 06/2019 Trainee Co-Chair to the Massachusetts Psychiatric Society
- I was selected to serve as a trainee co-chair of the Alcohol and Addictions Interest Group. Duties during this two-year commitment mainly include facilitating lectures and meetings for the group.*
- 06/2017 - 06/2019 Harvard South Shore Review and Selection Committee
- I was chosen to serve on the committee to review applications, conduct interviews, and provide suggestions to the program director in regards to selecting the next class of residents to matriculate into the Harvard South Shore training program.*
- 06/2016 – 06/2019 Quality Assurance Project at Harvard South Shore
- Working alongside the associate training director, the focus of this project is to produce 100% resident enrollment in the Massachusetts Prescription Monitoring Program.*
- 06/2016 – 06/2017 System Level Improvement Project for Psychiatric Patient Transfers
- In an effort to improve the transfer process of psychiatric patients between facilities within the VA Boston Healthcare System, a group including myself, the chief residents and training director of Harvard South Shore, as well as chiefs and directors of various services have been working together to develop novel approaches to long known issues in the process.*
- 07/2013 – 06/2015 Quality Improvement Project at Geisinger Medical Center
- As a member of an inter-professional team, we completed a project to help manage elevated noise levels in peri-operative areas at Geisinger Medical Center. The goal was to reduce communication related patient safety errors. We obtained baseline decibel readings then put interventions into action such as staff education, noise alarms that lit-up when elevated decibel levels were detected, and we made workflow modifications such as relocation of staff assignments away from patient care areas. Decibel recordings were obtained after the interventions occurred and they were notably lower than before. A complete presentation of the project was given to staff and hospital administration. Due to the success of the project, the interventions were expanded to include more peri-operative areas in the hospital.*

07/2013 – 06/2014

Institute for Healthcare Improvement

Through the Open School at the Institute for Healthcare Improvement I completed a curriculum of 16 courses. The courses were focused on leadership, person and family centered care, quality cost and value, improvement capability, and patient safety.

07/2013 – 06/2014

Geisinger Quality Short Course

The course was an inter-professional training comprised of medical students, nursing students, pharmacists, and nurses. We met five times during my third year of medical school to learn about healthcare improvement, working in inter-professional teams, and quality improvement projects.

Involvement in the Community

06/2011 – Current

Various Community Service Activities

I have become increasingly involved in the local communities, resulting in being twice awarded the Translating Osteopathic Understanding into Community Health (TOUCH) Award. The TOUCH program is a national based program which focuses on osteopathic medical students improving the health of the local community through service. I was awarded the “Silver Award” and in the following year I was awarded the “Gold Award”. I have continued serving my local communities since then and an example of a recent activity includes serving as a counselor twice at Camp Spifida (1 week per summer) which is a camp for children diagnosed with Spina Bifida. Duties as a counselor included living with the children and providing medical care and social interactions. I have also served as a Compeer Calling Friend, providing social interactions to a young man struggling with mental illness via telephone conversations. Additionally, I have volunteered at a Suicide Prevention 5k Race, a Wellness Workshop, a Relay for Life event, a beautification process on a local rail trail, and many other activities. In 2016 I competed in the IRONMAN® Lake Placid on a team of roughly 100 athletes, with our team having a tally of fundraising accumulating to over \$600,000 for the Multiple Myeloma Research Foundation. Lastly, I have had the pleasure of volunteering with adolescents who have struggled with substance misuse, and as part of their treatment, were working on writing and sharing their life histories.

Academic Contributions

06/2016 – current Ad hoc Reviewer

Drug and Alcohol Dependence, Journal of Addiction Medicine, The American Journal on Addictions

Publications:

Peer-Reviewed Scholarship in print or other media:

Research Investigations

1. Kawasaki S, Hwang G, Buckner K, Francis E, Huffnagle S, Kraschnewski J, Vulgamore P, Lucas A, Barbour J, Crawford M, Thomas L, Fuller M, Meyers J, Swartzentruber G, Levine R. Collaborative health systems ECHO: The use of a tele-education platform to facilitate communication and collaboration with recipients of state targeted response funds in Pennsylvania. Substance Abuse. 2022; 43:1, 892-900.

2. **Crawford M**, Farahmand P, McShanke E, Schein A, Richmond J, Chang G. Prescription Drug Monitoring Program: Access in the First Year. *Am J Addict.* 2021 Mar.
3. Gerhart J, Paessler M, Behling K, Milton L, Bramblett G, Garcia D, Pitts M, Hurtt R, **Crawford M**, Lackman R, Nyguen D, FitzGerald P, George-Weinstein M. Rhabdomyosarcoma and wilms tumor contain a subpopulation of noggin producing, myogenic cells immunoreactive for lens beaded filament proteins. [PLoS One.](#) 2019 Apr 11;14(4):e0214758
4. Chang G, **Crawford M**, Pitts M, Schein A, Goodwin K, Enggasser J. Adherence to extended release naltrexone: patient and treatment characteristics. [Am J Addict.](#) 2018 Sep;27(6):524-530
5. Gerhart J, Greenbaum M, Scheinfeld V, FitzGerald P, **Crawford M**, Bravo-Nuevo A, Pitts M, George-Weinstein M. Myo/Nog Cells: Targets for Preventing the Accumulation of Skeletal Muscle-Like Cells in the Human Lens. *PLoS ONE.* 2014; 9(4):e95262
6. Gerhart J, Scheinfeld V, Milito T, Pfautz J, Neely C, Fisher-Vance D, Sutter K, **Crawford M**, Knudsen K, George-Weinstein M. Myo/Nog cell regulation of bone morphogenetic protein signaling in the blastocyst is essential for normal morphogenesis and striated muscle lineage specification. *Developmental Biology.* 2011; 359:12-25

Non-peer reviewed scholarship in print or other media:

1. **Crawford M**, DeLisi L. Issues Related to Sex Differences in Neuroleptic Treatment. *Current Opinion in Psychiatry.* 2016; 29:211–217.

Reviews, chapters, monographs and editorials

1. Renner J, **Crawford M**. Medication for the treatment of opioid use disorder (Chapter 7). Kelly J, Wakeman S (Eds.), *Treating Opioid Addiction.* 2019.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:

1. **Crawford M**, Insler J. Intuitive resources: an innovative and timesaving approach to education in urine toxicology. Harvard South Shore Poster Day, 2019.

Research Work Experience

08/2010 – 06/2013 Lankenau Institute for Medical Research (LIMR), Wynnewood, PA

Working in the lab of Dr. Mindy George-Weinstein, the focus of the work revolved around multiple projects concerning a subpopulation of cells that express the G8 antigen, MyoD mRNA, and produce Noggin. These “Myo/Nog” cells have a crucial role in proper embryonic development. During this research, I was awarded a stipend sponsored by Biota, Inc. Projects I collaborated on involved early development, wound healing, and the role of G8 positive cells in cancer and fibrotic disease. While at LIMR I obtained extensive experience in micro-dissection, various histological procedures, and many other areas including data analysis and development of new techniques such as novel approaches to culturing human tissue.

04/2008 – 01/2009 Aptagen, Jacobus, PA

Working under Dr. Tom Caltigirone as my PI, I performed research with the majority of the work centered on a project involving in vivo selection of aptamers with high affinity to target tissue. The specific binding properties of the molecules were then to be exploited and used as carriers for pharmaceutical purposes. I designed experiments and performed various techniques ranging from simple DNA extractions to qRT-PCR.

Academic/Research Related Awards

- 06/2014 Polyprobe Scholarship (Phila Coll of Osteo Med/Polyprobe Inc.)
Awarded based on research in molecular medicine, essay, and scholastic achievement
- 06/2012 Superior Experience Award (Lankenau Institute for Medical Research)
Awarded in recognition of positive contributions to the research facility
- 06/2010 Mark Stine Scholastic Attainment Award (Millersville University)
Nominated by faculty; awarded based on completing higher education despite special family responsibilities or overcoming cultural challenges
- 08/2007 Board of Governors Science and Technology Scholarship (Millersville University)
- 06/2004 – 06/2006 Albert Dorman Honors College Scholarship (New Jersey Inst of Tech)
- 06/2004 – 06/2006 Presidential Scholarship (New Jersey Inst of Tech)
- 06/2004 – 06/2006 Faculty Scholarship (New Jersey Inst of Tech)

Teaching

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

- 2018 Withdrawal Management in the Urgent Care Setting: Mortality and Morbidity Conference
Psychiatry Residents and Faculty Harvard South Shore
One hour lecture
- 2015 – current Teaching medical students and residents in core curriculum, didactic sessions, and clinical supervision
Schools include Harvard University, Drexel University, PCOM, and others.

Invited Presentations:

- 2019 Addiction Epidemics: An Intersection of Capitalism and Public Health / Harvard Medical School
Grand Rounds
Department of Psychiatry, VA Boston Healthcare
- 2019 Addiction Epidemics: An Intersection of Capitalism and Public Health / invited presentation
Boston University Addiction Psychiatry Fellowship
Boston, MA

National

- 2017 Characteristics Associated with Long-Acting Naltrexone Treatment Persistence (selected oral abstract, co-presented)
American Academy of Addiction Psychiatry Annual Meeting
San Diego, CA
- 2019 Prescription Drug Monitoring Program: The First Year (selected oral abstract)
American Academy of Addiction Psychiatry Annual Meeting
San Diego, CA

- 2022 Substance Use Disorder and Co-Occurring Mood and Anxiety Disorders
American Osteopathic Academy of Addiction Medicine Annual Meeting
Boston, MA
- 2022 The Evolution of Addiction Treatment During COVID-19, panel discussion
American Osteopathic Academy of Addiction Medicine Annual Meeting
Boston, MA
- 2022 What is the Most Important Thing to You Right Now, and How Can We Help? (selected half-day
workshop)
Institute for Healthcare Improvement Annual Forum
Orlando, Florida