



## **Daniel J. Geyer, MPH, CCRP**

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### **PROFESSIONAL EXPERIENCE:**

#### **Clinical Research Coordinator, META Medical Research Institute, Dayton, OH**

Apr. 2019 - Present

- Conducts day-to-day operations of clinical research trial including subject recruitment, protocol implementation, regulatory upkeep, etc.
- Assists in the planning, development, and submission of potential research projects.
- Facilitates communication and cross-project research between multiple medical- and clinical institutions.
- Maintains large database of clinical trial recruits, including daily interaction with current, prior, and potential research subjects.

#### **Clinical Research Coordinator, DOC Clinical Research, Dayton, OH**

Mar. 2019 - Present

- Conducts day-to-day operations of clinical research trial including subject recruitment, protocol implementation, regulatory upkeep, etc.
- Assists in the planning, development, and submission of potential research projects.
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#### **Consultant/Subject Matter Expert, Defender Pharmaceuticals, Inc., Tampa, FL**

Mar. 2019 - Present

- Serve as subject matter expert in motion sickness/post-op N/V neurology and clinical/medical applications of scopolamine and other anti-motion sickness/post-op N/V medications and treatments.
- Assists in the planning, development, and submission of potential research projects involving motion sickness and/or scopolamine.
- Conducts extensive research and literature reviews involving motion sickness, scopolamine, and related fields of inquiry/research.

#### **Clinical Research Coordinator, Naval Medical Research Unit – Dayton (NAMRU-D), Wright-Patterson Air Force Base, OH**

Sep. 2011 - Mar. 2019

- Conducts day-to-day operations of clinical research trial involving intranasal delivery of scopolamine in prevention of motion sickness. Includes developing IRBs, training staff, developing and writing command-wide instructions and SOPs, subject recruitment, and facilitating project coordination between FDA, NASA laboratories, and private pharmaceutical companies.
- Assists in the planning, development, and submission of potential research projects involving aeromedical human factors.
- Conducts extensive research and literature reviews involving aeromedical human factors research, with emphasis on motion sickness, spatial disorientation, and hypoxia.
- Supervises daily operations of bio-lab and all procedures involving hematology, including blood draws, centrifugation, storage, and analysis.
- Directs, develops, and implements training for research staff in the methodology of various human factors research projects, phlebotomy, blood analysis, and other hematology procedures.

**Research Coordinator II, Regenstrief Institute, Center for Aging Research, Indianapolis, IN**

Jan. 2010 - Sep. 2011.

- Oversaw daily operations of multiple aging adult research projects based in memory care clinics in Indiana's largest public hospital and largest provider of indigent care.
- Developed, wrote and administered study protocols, IRB submissions, and research and recruiting methodologies for a wide variety of implementation science studies.
- Collaborated in the development, testing, and dissemination of new electronic medical record systems.
- Issued epidemiological surveys regarding prevalence and efficacy of varicella and meningococcal vaccine campaigns statewide.
- Executed electronic medication reconciliation project aimed at reducing adverse drug events among inpatients at state's largest public hospital.

**Project Manager, Indiana Violence Prevention Partnership, Clarian Health, Indianapolis, IN**

May 2010 - Sep. 2011.

- Maintained program to create a county-wide domestic violence database.
- Researched and wrote multiple needs assessment report regarding Indiana's emerging trauma system with focus on the number and level of designated Trauma Centers required statewide.
- Researched, developed, and submitted annual epidemiological reports on variety of topics, including firearm injuries and suicide incidences.
- Performed in-depth factorial analysis of pilot survey of faith leaders regarding their views on suicide, and established training material for faith leaders regarding suicide prevention.

**Trauma Intern, Indiana State Department of Health, Indianapolis, IN**

Jan. 2009 - Sep. 2009

- Collaborated on a 3-year strategic plan for Indiana's emerging trauma system.
- Collected, analyzed, and furnished operational and financial data from trauma systems in 40+ states.
- Singularly investigated large-scale EMS needs assessment in 19 counties regarding rural prehospital trauma capacity.

**Supervisor/Paramedic, Witham Health Services, Lebanon, IN**

Apr. 2003 - Jul. 2010

- Monitored and consulted in the provision of pre-hospital emergency care in county-wide EMS service.
- Directed training, credentialing, and supply logistics.
- Researched and drafted multiple protocols, policies and analysis reports related to pre-hospital emergency medical care and trauma.
- Established relationships with various social agencies and persons of all background to improve provision of pre-hospital care on a holistic scale.

**EDUCATION:****Masters of Public Health,**

Indiana University, Indianapolis, IN

Concentration: Health Management and Policy, GPA: 3.857

December 2009

**Bachelors of Liberal Arts,**

Indiana University, Indianapolis, IN

Dual Major: English and Political Science, GPA: 3.123

December 2003

**CERTIFICATIONS:**

Certified Clinical Research Professional (CCRP), SoCRA

2019-2022

**PUBLICATIONS AND PRESENTATIONS:**

Pettijohn, K. A., Geyer, D. J., Gomez, J., Becker, W. J., & Biggs, A. T. (2018 Oct 1). Postural instability and simulator seasickness, *Aerospace Medicine and Human Performance*, 89(10): 932.

Geyer, D. J. & Biggs, A. T. (in press). The persistent issue of simulator sickness in Navy simulators. *Aerospace and Human Factors*.

Geyer, D. J., Gomez, J., Littman, E. M., Becker, W. J., & Doubrava, M. R. (2017). The pharmacokinetics and efficacy of a low-dose, aqueous, intranasal scopolamine spray. (Report No. 17-104). Wright-Patterson Air Force Base, OH: Naval Medical Research Unit Dayton.

Geyer, D. J., Gomez, J., Littman, E. M., Becker, W. J., Tapia, M. L., Doubrava, M. R., & Lee, R. (2017, May). Intranasal scopolamine spray provides motion sickness protection while demonstrating rapid absorption rates and no impact on cognitive performance. Poster session presented at the meeting of the Aerospace medical Association, Denver, CO.

Geyer, D. J., Gomez, J., Littman, E. M., Becker, W. J., Tapia, M. L., & Lee, R. (2016, August). Examining the efficacy of intranasal scopolamine spray. Poster session presented at the meeting of the Aerospace Medical Association, Atlantic City, NJ.

- Geyer, D. J.**, Littman, E. M., Gomez, J., Becker, W. J. (2016, May). Update on the absorption and side-effect profile of low-dose intranasal scopolamine spray. Poster session presented at the meeting of the Aerospace Medical Association, Atlantic City, NJ.
- Becker, W. J., **Geyer, D. J.**, Gomez, J., & Littman, E. M. (2015, May). Pharmacokinetics and efficacy of intranasal scopolamine spray. Poster session presented at the meeting of the Aerospace Medical Association, Orlando, FL.
- Phillips, J. B., Horning, D. S., Robinson, F. E., Warner, S. A., Gomez, J., **Geyer, D. J.**, Drummond, L. (2015, May). Time of Useful Cognition: A Compliment to the Time of Useful Consciousness. Paper presented at the 86th annual meeting of the Aerospace Medical Association, Lake Buena Vista, FL.
- Geyer, D. J.**, Littman, E. M., Gomez, J., & Becker, W. J. (2014, May). An updated review of scopolamine's mechanism of action. Poster session presented at the meeting of the Aerospace Medical Association, San Diego, CA.
- Chandler, J. F., Simmons, R. G., Wu, V. L., **Geyer, D. J.**, Gomez, J., Daniels, V., Crady, C., et al. (2013, May). Absorption and side-effect profile of low-dose intranasal scopolamine spray: A pilot study. Poster session presented at the meeting of the Aerospace Medical Association, Chicago, IL.
- Geyer, D.** (2010, Nov). Pre-hospital trauma training in rural Indiana: A needs assessment. Poster session presented at the meeting of the American Public Health Association, Denver, CO.
- O'Neil, J., Goldsworthy, R., **Geyer, D.**, Hackworth, J., Lovett, L., Plank, A., & Bull, M. (2011, Oct). Systematic development of an interview protocol to examine suicide prevention by clergy. Poster session presented at the meeting of the American Public Health Association, Washington, D.C.