DANIEL ROBERSON

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Professional Licensure: State of Washington LMCHA – MC 61324824
State of Washington Substance Use Disorder – Trainee CO61146876
National Certified Counselor 6/22

Educational Background

M.S, Clinical Mental Health Counselling, Bellevue University, 2022
CACREP Accredited. Internship location – Pioneer Human Services, Everett, WA.

M.S., Massachusetts Institute of Technology, Aeronautics and Astronautics Eng, 2015
M.B.A., M.S., Massachusetts Institute of Technology, Operations Management, 2015
LGO Fellow

B.S., University of Portland, Physics, 2006

Current Employment

Edify Mental Health, Mental Health Counselor, July 2022 – present
Marysville, WA

Senior Data Scientist, The Boeing Company, Global Services Analytics, March 2008 – present
Senior Data Scientist 2021 - present
Senior Manager 2018-2020, Additive Manufacturing, and Digital Transformation
Manager 2013-2018, Data Science
Engineer 2008-2012
Seattle, Washington

Practicum, Pioneer Health Services, Co-occurring disorders program, June 2021 – June 2022
Everett, Washington

Pastoral Counselor, St. Mary's Catholic Church, May 2021 – June 2022
Marysville, Washington

Publications

Roberson, D. R., Wilson, M., Armstrong, J., Rice, J., Braaten, N., (2021). Role of persistent
disinfectants in reducing disease transmission from contaminated surfaces. The Boeing
Company [White Paper], 1-12.

Vanegas, Morris & Kotowick, Kyle & LaTour, Paul & Curry, Mike & Foley, Jordan & Hoffman,
Jeffrey & Schreiner, Samuel & Setterfield, T.P. & Geiger, Lynn & Barmore, David &
Roberson, Daniel & Putbrese, Benjamin & Stankovic, Aleksandra. (2019). An

Emergency Mitigation System for Safer Lunar Surface Exploration. IEEE Aerospace and Electronic Systems Magazine. 34. 42-52. 10.1109/MAES.2019.2917566.

Schreiner, S. S., Setterfield, T. P., Roberson, D. R., Putbrese, B., Kotowick, K., Vanegas, M. D., Curry, M., Geiger, L. M., Barmore, D., Foley, J. J., LaTour, P. A., Hoffman, J. A., & Head, J. W. (2015). An overnight habitat for expanding lunar surface exploration. Acta Astronautica, 112, 158–170. https://doi.org/10.1016/j.actaastro.2015.03.012

Roberson, D. R., (2015) Application of multiple information sources to prediction of engine time on-wing. Massachusetts Institute of Technology [Thesis]. 1-88.

In work publications: "Assessment of antiviral coatings in commercial aircraft for control of SARS-COV-2 on surfaces". Dr. Charles Gerba lead author. In press 2022.

Public Speaking Invitations

Roberson, Daniel. Isaaco, Anthony. Martin, Peter. Vance, Jeff. (2022, April.) Where's the Data?: A Proposal for Clinician Based Research in the CPA. [Conference Presentation.] Catholic Psychotherapy Association Annual Conference.

Roberson, Daniel. (2021, October). Machine Learning and Simulation Models for Pandemic Response. [Virtual Conference]. IEEE-Bangalore Annual Conference.

Roberson, Daniel. (2015, October). Careers in Data Analytics. [Speaker Panel] Rutgers MBS program of Rutgers University, Piscataway, NJ.

Previous Research Experience

Program Evaluation, Pioneer Human Services, 2022
Supervisor: Marie Preftes-Arenz. Assignment: Outcomes study of addiction treatment.

Research Contractor, Precision Photonics, 2007
Supervisor: Dr. Kurt Vogel. Assignment: Ring laser behavior and control

Research Experience for Undergraduate, University of Colorado – Boulder, 2006-2007
Supervisor: Dr. Daniel Dessau. Assignment: Low-Energy Electron Deflection Imaging

Research Student and summer contractor, University of Portland, 2004-2006
Supervisor: Dr. Shannon Mayer. Assignment: Magneto-optic trap of Rhubidium-86

Professional Affiliations

- American Counseling Association
- Catholic Psychotherapy Association
- Society of Professional Engineering Employees in Aerospace