



The **DATA** (Data-Acumen-Theory-Application) Science Credential in Economics

Fall Seminar Series (open to all Economics Majors)

Sean Olson is a double alumnus of the University of North Carolina at Chapel Hill, B.A. Economics (2013), and UNC Kenan-Flagler Business School, MBA – Corporate Finance (2020). Sean started his career working as a research assistant at the UNC Department of Chemistry under the guidance of Dr. Sergei Sheiko, where he worked on developing materials for deep well oil drilling. From there he moved onto UNC School of Medicine and worked under Dr. Michael Knowles and Dr. Richard Boucher at the Marsico Lung Institute as a Biostatistician. This is where he found and grew his passion for **big data science and data engineering** by developing custom software applications. He took these newfound skills and continued to grow them at RTI, International as a bioinformatician where he worked to process hundreds of terabytes of patient genomics for a Genome Wide Association Study (GWAS) looking at mutations and the relationship with addiction. The work at RTI laid the foundation for Sean's next step in his career, a career that would focus on service to the people of his nation. Sean joined the US Navy Reserves as an enlisted intelligence specialist in 2016 and was chosen



for a position at the Kennedy Irregular Warfare Center. Here he worked with various Naval Special Warfare groups as support for deployed teams by using cutting edge analytical techniques to deliver tailored intelligence products to the warfighter. His varied career has resulted in co-authorship of three scientific papers, including a national defense article discussing the role of artificial intelligence and machine learning in emergency management.

Now, Sean is commissioned in the Air Force Reserves as an Intelligence Officer supporting Air Mobility Command and airlift missions through the C-5 and C-17 weapon systems. Sean is also, a **Senior Lead Big Data Engineer at Booz Allen Hamilton** working on an advanced enterprise analytics platform (Advana) within the Office of the Undersecretary of Defense Comptroller (OUSD-C). On Advana, Sean leads the development of automated big data operations to provide new, accurate, and efficient enterprise financial products for OUSD-C and various stakeholders in both the DoD and Congress.

Join us for our first speaker this fall
on Thursday, September 15, 3:30 – 4:45 PM in the Pleasants Room at Wilson Library
(and Sean will have an open “office hour” from 2:00 – 3:00 pm in GA 110)