Daryl Herzmann is a part-time contractor for the OCIO's Office. He is primarily responsible for the technical operation and development of the NWSChat Project [1]. NWSChat is an instant messaging platform supporting the real-time collaboration of the NWS with its core partners. Daryl’s day job is with Iowa State University developing the Iowa Environmental Mesonet [2]. He has 14 years of experience working with NWS data systems and is proficient in many web technologies. He is also a Red Hat Certified Engineer (RHCE) and enjoys avoiding Microsoft Windows at all costs.

[1] <https://nwschat.weather.gov>

[2] http://mesonet.agron.iastate.edu

**On the Lineage and Breeding of NWSBot**

“NWSBot” is the software code name for a set of computer programs that provide functionality inside of the NWSChat Project. NWSChat is an instant messaging platform supporting the real-time collaboration of the NWS with its core partners. The name “bot” is applied to this system as participating users can interact with the program via instant messages. NWSBot program interacts like a person with users via a known lexicon of commands. This presentation will detail the lineage of NWSBot starting in 2005 as it grew up on the plains of Iowa with “iembot” and then to its use of a fully asynchronous core and finally to its current fascination with social media technologies.