Appendix A: Sahr investigation electronic records search methodology

Sources of information: 2 hard drives, emails and chat sessions provided by ▓▓▓▓▓▓▓▓ email snapshot of UW Sahr email account

Hard drives: two University owned hard drives were taken from Dr. Sahr's office and analyzed by a third-party vendor. The third party vendor provided me an excel spreadsheet containing messages sent via iMessage and Skype as well as links via FTP to view image files taken from the computers.

- Total messages: 12,133, many appeared to be duplicates
- Total image files: approximately 48,000, many duplicates and the vast majority of which appeared to be meaningless—ie, email signature images or banners from websites, etc.

Email snapshot: jdsahr@uw.edu; 146,911 messages. Sahr used gmail, meaning his emails were not sorted into files or subfolders. All but 11 messages were from February 2010 and later.

Email and chat sessions provided by ▓▓▓▓▓▓▓▓ approximately 500 emails and 80 chat sessions. The emails could be opened and read normally. The chat sessions could not consistently be opened and read this way. When opened, they would be readable, but frequently out of order. The messages would start at the bottom and go up to the top *and* not always be in order. For example, Attachment 1 to this appendix is a chat session file opened in Microsoft Outlook. I was able to open them in the Chrome browser using an extension. Attachment 2 to this appendix is the same file opened in Chrome. Although opening in Chrome allows them to be read in order and gives each individual message a time stamp and accurate to/from information, the Chrome view is difficult to read and to copy. I have chosen those files as examples because they are short; the effect is more vivid with the longer chat sessions, but the resulting files can be dozens of pages long.

As a result, it was not practicable to copy every message between Sahr and ▓▓▓▓▓ into Appendix B. I created Appendix B as an investigative aid: as a timeline of their communications, as a reference for many of the communications that I expected would help me better understand what happened between them, and as a way for making it easier for me to later locate messages that I wanted to view again. Because of the volume of chat messages exchanged between the two of them and the impracticability of copying all of them line by line, many of the messages are left out of Appendix B and the full context of their conversation is not always visible. I endeavored for Appendix B to fairly encapsulate the tone and nature of their communications, but acknowledge there could be questions about context for some of the messages. I have retained in UCIRO's investigative file all of the messages provided by ▓▓▓▓▓

Additionally, I included some emails in Appendix B as well. The time stamps on the emails I assume to be accurate. Time stamps taken from chat sessions opened in Chrome are likely Greenwich Mean Time; I did not convert to Pacific Time when creating the log. I do not believe there were moments during the investigation when doing that time conversion would have been critical.

Excel spreadsheet of messages: The third party vendor provided an excel spreadsheet containing the 12,133 messages. The dates ranged from 2014 through February 2019. It appears as if nearly all of the messages appear twice.

Image files: The image files extracted from Sahr's hard drives were too numerous to be sent by the third party vendor in a file. As a result, I viewed them using an FTP (file transfer protocol) and did not retain files after viewing them. Viewing was an awkward and time-consuming process and after many hours of viewing files, I was able to determine that the overwhelming majority of those I viewed were banners or email signature images, not, for example, photographs taken by Sahr or anyone else. The image files did not yield anything of investigative significance.