

**Department of Mathematics and Statistics**  
**Statistical Consulting Lab**

Fall 2021 Report

Jin Wang

**Profiles of Staff, Clients and Statistical Consulting**

In Fall 2021, the Statistical Consulting Lab (SCL) was staffed by me. Five hourly sessions were set each week. The session hours were MTWThF 10:10 AM -11:10 AM. Totally 32 consulting appointments (28 in person and 4 via Zoom) were scheduled to assist 18 different clients, who came from 7 different departments or organizations. Three of the clients were NAU faculty working on a research project and fifteen were graduate students working on a thesis or dissertation. Four additional appointments were made but the clients did not come to the scheduled meetings. In addition to the consultation, I also gave a presentation in the School of Forestry by request. The detailed information is given in the tables attached.

The following is a general overview of the statistical consulting activities. A client would make the initial contact with the SCL by e-mail or telephone. The SCL replies immediately with a copy of the CONTACT INFORMATION FORM and a meeting is immediately scheduled upon receiving the completed form. Then the client would come to the meeting with a research plan, a list of questions to be addressed, and a data set in hand if available. Our goal is to direct the client toward an appropriate statistical method, and to help him/her understand the methodology and its analysis. In a number of cases, we also provided data management and statistical software support.

**Suggestions for the Future**

The computer in the Statistical Consulting Lab (SCL) was very old and there were some serious problems on it. I contacted the university ITS Office for help at the beginning of the semester, and it took one week for the IT person to solve the problems. Even after that, the computer did not work well for online meetings, and I had to use the computer in my office. If budget permits, I would like to suggest that the computer be replaced.

Name	Degree/Position	Department	Number of Appointments	Meeting Hours
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Helen Rowe	Faculty	Earth and Sustainability	6	6
Derek Uhey	Doctoral	Forestry	2	2
Anthony Maue	Doctoral	Astronomy and Planetary Science	2	2
Christina Horner	Doctoral	Clinical Psychology	2	2
Zachary Lerner	Faculty	Mechanical Engineering	1	1
Charlotte Rozanski	Master	Forestry	1	1
Tristan O'Mara	Master	Forestry	1	1
Kelsey Whitaker	Master	Biology	4	4
Te'Ron Lindsey	Doctoral	Clinical Psychology	1	1
Emily Borsom	Doctoral	Biology	1	1
Erin Burk	Master	Forestry	1	1
Ali Schuessler	Master	Biology	1	1
Audrie Reilly	Doctoral	Clinical Psychology	3	3
Kelsey Pemberton	Master	Forestry	1	1
Megan Foley	Doctoral	Biology	1	1
Katie Orndahl	Doctoral	Informatics, Computing, and Cyber Systems	1	1
Kara Gibson	Doctoral	Biology	2	2
Anita Antoninka	Faculty	Biology	1	1

Table 1. Summary of the appointments.

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday August 23	10:10- 11:10		
Tuesday August 24	10:10- 11:10		
Wednesday August 25	10:10- 11:10		
Thursday August 26	10:10- 11:10		
Friday August 27	10:10- 11:10		
Monday August 30	10:10- 11:10	Helen Rowe	School of Earth and Sustainability
Tuesday August 31	10:10- 11:10		
Wednesday September 1	10:10- 11:10		
Thursday September 2	10:10- 11:10	Helen Rowe	School of Earth and Sustainability
Friday September 3	10:10- 11:10	Derek Uhey	School of Forestry

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday September 6	10:10-11:10	Labor Day Holiday	
Tuesday September 7	10:10-11:10	Derek Uhey	School of Forestry
Wednesday September 8	10:10-11:10	Anthony Maue	Astronomy and Planetary Science
Thursday September 9	10:10-11:10	Helen Rowe	School of Earth and Sustainability
Friday September 10	10:10-11:10	Anthony Maue	Astronomy and Planetary Science
Monday September 13	10:10-11:10		
Tuesday September 14	10:10-11:10		
Wednesday September 15	10:10-11:10	Helen Rowe	School of Earth and Sustainability
Thursday September 16	10:10-11:10		
Friday September 17	10:10-11:10		

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday September 20	10:10-11:10	Christina Horner	Clinical Psychology
Tuesday September 21	10:10-11:10	Helen Rowe	School of Earth and Sustainability
Wednesday September 22	10:10-11:10	Christina Horner	Clinical Psychology
Thursday September 23	10:10-11:10		
Friday September 24	10:10-11:10	Helen Rowe	School of Earth and Sustainability
Monday September 27	10:10-11:10		
Tuesday September 28	10:10-11:10	Zachary Lerner	Mechanical Engineering
Wednesday September 29	10:10-11:10		
Thursday September 30	10:10-11:10	Charlotte Rozanski	School of Forestry
Friday October 1	10:10-11:10		

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday October 4	10:10- 11:10		
Tuesday October 5	10:10- 11:10		
Wednesday October 6	10:10- 11:10		
Thursday October 7	10:10- 11:10		
Friday October 8	10:10- 11:10		
Monday October 11	10:10- 11:10		
Tuesday October 12	10:10- 11:10		
Wednesday October 13	10:10- 11:10		
Thursday October 14	10:10- 11:10	Presentation	School of Forestry
Friday October 15	10:10- 11:10		

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday October 18	10:10- 11:10	Tristan O'Mara	School of Forestry
Tuesday October 19	10:10- 11:10		
Wednesday October 20	10:10- 11:10		
Thursday October 21	10:10- 11:10		
Friday October 22	10:10- 11:10	Kelsey Whitaker	Biology
Monday October 25	10:10- 11:10	Te'Ron Lindsey	Clinical Psychology
Tuesday October 26	10:10- 11:10	Emily Borsom	Biological Sciences
Wednesday October 27	10:10- 11:10		
Thursday October 28	10:10- 11:10	Erin Burk	School of Forestry
Friday October 29	10:10- 11:10	Ali Schuessler	Biological Sciences

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday November 1	10:10- 11:10		
Tuesday November 2	10:10- 11:10		
Wednesday November 3	10:10- 11:10		
Thursday November 4	10:10- 11:10		
Friday November 5	10:10- 11:10	Kelsey Whitaker	Biology
Monday November 8	10:10- 11:10		
Tuesday November 9	10:10- 11:10		
Wednesday November 10	10:10- 11:10	Audrie Reilly	Clinical Psychology
Thursday November 11	10:10- 11:10		
Friday November 12	10:10- 11:10	Kelsey Whitaker	Biology



<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday November 15	10:10- 11:10		
Tuesday November 16	10:10- 11:10	Audrie Reilly	Clinical Psychology
Wednesday November 17	10:10- 11:10	Kelsey Pemberton	School of Forestry
Thursday November 18	10:10- 11:10		
Friday November 19	10:10- 11:10	Megan Foley	Biology
Monday November 22	10:10- 11:10	Kelsey Whitaker	Biology
Tuesday November 23	10:10- 11:10		
Wednesday November 24	10:10- 11:10		
Thursday November 25	10:10- 11:10		
Friday November 26	10:10- 11:10		

<b>Statistical Consulting Lab Appointments</b>	<b>Fall 2021</b>		
<b>Date</b>	<b>Time</b>	<b>Name</b>	<b>Department</b>
Monday November 29	10:10- 11:10		
Tuesday November 30	10:10- 11:10	Katie Orndahl	School of Informatics, Computing, and Cyber Systems
Wednesday December 1	10:10- 11:10		
Thursday December 2	10:10- 11:10	Kara Gibson	Biology
Friday December 3	10:10- 11:10	Audrie Reilly	Clinical Psychology
Monday December 6	10:10- 11:10		
Tuesday December 7	10:10- 11:10		
Wednesday December 8	10:10- 11:10		
Thursday December 9	10:10- 11:10		
Friday December 10	10:10- 11:10	Anita Antoninka Kara Gibson	Biology

Table 2. Details of the appointments.