



# BEYOND BIBLIOGRAPHIC INSTRUCTION: SCIENCE RESEARCH WORKSHOPS

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- Motivation
- Format
- Topics
- Statistics

# Science Research Workshops

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- Research Skills
- Audience

# Motivation

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- Small Interactive Workshop
- Registration

Format

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- Reading Scientific Papers
- Writing Scientific Abstracts
- Creating Scientific Poster Presentations
- Scientific Research Process
- Data Management

# Topics

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- Types of Scientific Papers
- Reasons for Reading a Scientific Paper
- Parts of a Scientific Paper

# Reading Scientific Papers

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- Different Types of Abstracts
- Length of Abstracts
- When to Write an Abstract
- Sample Abstract

## Writing Scientific Abstracts

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- Printing
- Size
- Format
- Content
- Presentation

# Creating Scientific Poster Presentations

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- Original Research
- Hypothesis Testing
- Non-Linear Path
- Project Management

# Scientific Research Process

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- Importance of Data Management
- Knowing your Data
- Collecting your Data
- Organizing your Data
- Archiving your Data

# Data Management

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# By

- Semester
- Workshop
- Day
- Time

# of Sessions	Total Attendance	Average Attendance	Maximum Attendance
59	181	3.1	8

# Statistics

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Semester	# of Sessions	Total Attendance	Average Attendance	Maximum Attendance
Spring 2012	6	10	1.7	3
Fall 2012	3	3	1	1
Spring 2013	1	2	2	2
Fall 2013	6	18	3	8
Spring 2014	13	47	3.6	5
Fall 2014	10	26	2.6	8
Spring 2015	20	75	3.75	8

# By Semester

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Workshop	# of Sessions	Total Attendance	Average Attendance	Maximum Attendance
Reading	15	56	3.8	8
Abstract	9	21	2.3	5
Poster	5	12	2.4	4
Process	22	52	2.4	6
Data	8	40	5	8

# By Workshop

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<b>Workshop</b>	<b># of Sessions</b>	<b>Total Attendance</b>	<b>Average Attendance</b>	<b>Maximum Attendance</b>
Monday	3	10	3.3	5
Tuesday	11	26	2.4	5
Wednesday	3	4	1.3	2
Thursday	1	1	1	1
Friday	40	139	3.5	8
Saturday	1	1	1	1

# By Day

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Workshop	# of Sessions	Total Attendance	Average Attendance	Maximum Attendance
9:30 am	1	2	2	2
11:15 am	7	23	3.3	5
12:20 pm	8	28	3.5	8
1:30 pm	3	5	1.7	3
3:30 pm	16	47	2.9	7
4:00 pm	7	16	2.3	4
4:30 pm	11	46	4.2	8
5:00 pm	6	14	2.3	5

# By Time

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# CONCLUSIONS

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