

PSYC 502 Research Methods in Psychology

Academic Requirements Fulfilled: Required Course for Psychology/Neuropsychology majors;

Discovery – Inquiry Attribute; Writing Intensive; 4 credits

Prerequisites: PSYC 401 Introduction to Psychology and PSYC 402 Statistics in Psychology.

Alison Paglia, PhD – Associate Professor, Psychology alison.paglia@unh.edu

Class Modality: In-person

Class Meetings: Tuesdays 1:10 – 4:00 PM Room 503

Office Information: Room 523 / 603-641-4103 (this is a land line & cannot receive texts)

Office Hours: Tuesday 4:00 – 5:00 after class in room 503 or room 523. If this time does not work for you, I am happy to meet by appointment.

Student to Instructor Communication Expectations

I will make every effort to be clear in my expectations, respectful of students' well-being, and continue to work hard. I am hoping I can expect the same from each of you. Be sure to check your UNH email and course announcements frequently for updates. If you need help, please reach out to me and/or other resources, as always ---- we are all here for you and want you to succeed. Feel free to drop by my office anytime the door is open. If I am not in my office, email is the best way to contact me. If you would like to make an appointment with me, you can initially contact me during class time or by email. Anticipate an email response from me within 24 hours (often much quicker) during the work week (Monday – Friday).

Course Overview

Psychology 502 – Research Methods in Psychology is a writing intensive course designed to present information necessary for the understanding of scientific research in psychology. In this course, the complexities of psychological research will be illustrated through various modalities including in-class activities, take home assignments, a research project, and exams. PSYC 502 is a required course for the Psychology and Neuropsychology majors. This course is writing intensive and an inquiry attribute course.

Textbook

Required FREE OPEN SOURCE Text (link also posted in Canvas):

Textbook: Rajiv S. Jhangiani, I-Chant A. Chiang, Carrie Cuttler, and Dana C. Leighton. Research Methods in Psychology 4th American Edition

Download here: <https://kpu.pressbooks.pub/psychmethods4e/>

You can view the text as an online document (free), download it as a PDF (free), or purchase it for approximately \$15.00.

Technical Requirements and Technical Support

See website listings for current recommendations and requirements related to this course - <http://unh.edu/eunh/technical-requirements> Technical assistance related to mycourses is available at <http://unh.edu/eunh/student-resources>. Canvas / my courses is the learning management tool we use for this course. Frequent access to mycourses is required for

successful completion of this course. Please go to the UNHM Learning Commons or call 862-4242 if you require further assistance accessing your mycourses account.

Students should use university supported applications, such as Microsoft Word.

<https://td.usnh.edu/TDClient/60/Portal/KB/ArticleDet?ID=854>

Learning Objectives

Upon completion of this course students will:

- Demonstrate an understanding of procedures and techniques involved in conducting psychological research.
- Be introduced to the methodological diversity that is required to accurately investigate the complexities of behavior and mental processes.
- Be able to effectively critique research studies.
- Think and communicate scientifically.

Grades

Grades are determined as follows. See syllabus for descriptions, dates, and policies.

- Three Unit Exams – 50%
 - Unit 1 Chapters 1-4
 - Unit 2 Chapters 5, 8, & 9
 - Unit 3 Chapters 6, 7, & 10
- Scientific Thinking and Communicating (STaC) Activities - 20%
 - Participation and Attendance will be included in this assignment group.
- Psychological Disorder – APA Paper
 - Background Information Paper– 5%
 - Common / Typical Evidence-based Treatments / Interventions Paper – 5%
 - New Emerging Evidence-based Treatments / Interventions Paper – 5%
 - Final Paper – 10%
 - Oral Presentation - 5%

Final Grades will be awarded using the following scale:

A	94 to 100%	B-	80 to < 84%	D+	67 to <70 %
A-	90 to <94 %	C+	77 to < 80%	D	64 to < 67%
B+	87 to <90%	C	74 to < 77%	D-	60 to < 64%
B	84 to <87 %	C-	70 to < 74%	F	0 to <60%

Note: Students must earn a C- or better for the class to fulfill the Psychology / Neuropsychology requirement.

Exams

- The exams are closed book, notes, etc.
- The exam material will be from the textbook, lecture/discussion, assigned readings, and STaC activities. Sample exam questions are included in each module.
- The exams will include multiple choice, matching, short answer, essays. The exams will require students to apply information from class lectures and readings, such as hypothetical and real research scenarios.
- Assigned Readings – In addition to the chapters, specific readings will be assigned for each exam.
- Students are expected to take the exams during class time during the scheduled time.
- Additional policies provided in the syllabus.

Additional Exam Policies:

- You are expected to be in-class and prepared take the exam on the scheduled date.
- In the event that a student needs accommodation for a religious or cultural holiday/observance, that student is encouraged to make that request as early in the semester as possible.
- The exams are closed book, notes, etc. Any use of technology (cell phones, tablets, etc.) during an examination time is strictly prohibited & considered to be an act of academic dishonesty. Please see the UNH Student Rights, Rules, & Responsibilities Handbook for further descriptions of academic honesty.
- With good reason, you may take an exam earlier than the scheduled date. You must contact me in advance to request to take an exam earlier than the scheduled date.
- In most cases if you miss class the day of the exam, you will receive a zero. With proper documentation, a make-up exam may be allowed. Students are expected to notify faculty **in advance** of the missed exam and **promptly** schedule a make-up exam. Make-up exams may need to be in long essay format.
- In order to maintain the security of the exams, I will keep all completed exams on file. You will have a chance to review your completed exams in class, if you would like more time and/or assistance reviewing your quizzes/exams please make arrangements with me to go over it in my office and/or The Center for Academic Enrichment.

Scientific Thinking and Communicating (STaC) Activities

- Participation and Attendance will be included in this assignment group.
- In order to develop essential skills for this course, the research project, and the psychology / neuropsychology major, there will be STaC assignments for each class meeting. Examples of STaC activities include sample exam questions, APA writing exercises, visualizing data, evaluating sources. While advanced notice may be required for some of the STaC activities, many will occur as part of a typical class meeting.

STaC Grades:

- Preparation for class will be assessed via STaC grade, including participation and attendance.
- For some STaC assignments the grade will earned based on engaged participation and team-based learning, others will additionally be graded on the quality of the work.

- If you are not in class (i.e. late, leave early, absent) during a STaC activity you will not receive credit for that portion assignment.

“Psychological Disorder” Project

- Working with the instructor, students will select a Psychological Disorder from the DSM 5 (more instructions will be provided). The DSM 5 is available online through the UNH Library: <https://unh.idm.oclc.org/login?url=https%3A//dsm.psychiatryonline.org/doi/book/10.1176/appi.books.9780890425596>
- For that psychological disorder, students will complete three separate papers and a final paper that incorporates all three. For paper #1 students will describe the psychological disorder, for paper #2 students will explore the typical evidence-based treatments used in the discipline to help people living with the disorder, and for paper #3 identify emerging evidence-based treatments used in the discipline to help people living with psychological disorder. The final paper will include conclusions / future research and will bring together the previous papers and will require that students revise their previous work. There is also an oral presentation.
- A “Project Instructions and Materials” Canvas Module has been created to help you with this project. Additionally, a library guide has been created to assist you with this project: <https://libraryguides.unh.edu/ResearchMethods>
- Chapter 11 in your text does a great job explaining APA writing style (i.e. format, tone, in-text citations, reference page, etc.) however there have been a few changes since the text was published that I will provide.
- Instructor approval of topics will be required.
- Canvas/mycourses will filter your assignment through a plagiarism prevention program called Turnitin. Turnitin identifies work plagiarized from published works, writing generated by Artificial Intelligence (AI), and prior student submissions. Academic Dishonesty will be treated seriously and may result in a reduced or failing grade and may be reported to the UNH Office of Community Standards.
- In order to avoid false positives do not use applications that generate writing, such as Grammarly. Please use university supported applications, for example Microsoft Word. <https://td.usnh.edu/TDClient/60/Portal/KB/ArticleDet?ID=854>
- Student papers turned in late will result in the loss of 10 points if the paper is turned in on the due date, but after the specified time. If the paper is turned in after the due date you will lose 10 points for each day that the paper is late.
- Further instructions will be provided.

Course Name: Research Methods in Psychology

Term Year: Spring 2025

Course Schedule

<i>Dates</i>	<i>Course Schedule</i>	<i>Exam & Project Due Dates</i>
1/21 – 2/18	<p><u>Unit #1</u></p> <p>Chapter 1 The Science of Psychology Chapter 2 Overview of the Scientific Method Chapter 3 Research Ethics Chapter 4 Psychological Measurement</p>	<p>Psychological Disorder Background Information Topic Selection due via canvas: 1:00 PM 2/5 Paper #1 due via canvas 1:00 PM – 2/12</p> <p>Exam Unit #1 – 2/18 1:10-3:00 Optional Project Support – 2/18 3:10 – 4:00</p>
2/25 – 3/25 Note: No class on 3/18 Spring Break	<p><u>Unit#2</u></p> <p>Chapter 5 Experimental Research Chapter 9 Factorial Designs Chapter 8 Quasi-Experimental Research</p>	<p>Psychological Disorder Evidence-Based Treatments Paper #2 due via canvas 1:00 PM 3/12</p> <p>Exam # 2 – 3/25 1:10-3:00 Optional Project Support – 3/25 3:10 – 4:00</p>
4/1 – 4/22	<p><u>Unit #3</u></p> <p>Chapter 6 Non-Experimental Research Chapter 7 Survey Research Chapter 10 Single Subject Research</p>	<p>Psychological Disorder Emerging Evidence-Based Treatments Paper #3 due via canvas 1:00 PM 4/16</p> <p>Exam # 3 – 4/22 1:10-3:00 Optional Project Support 4/22 3:10 – 4:00</p> <p>Save the Date: Undergraduate Research Conference (URC) Poster Presentations Manchester Campus April 23 4-6 PM (attendance optional)</p>
4/29		<p>Psychological Disorder Oral Presentation slides due via canvas 1:00 4/29 Oral Presentations in-class 4/29 1:10</p> <p>Final Paper due via canvas 1:00 5/7</p> <p>There is not a final exam for this course, but class time on May 13 may be used as a make-up date.</p>

- January 31 LAST DAY to drop courses with 100% tuition refund if eligible.
- February 21 LAST DAY to drop courses in with 50% tuition refund if eligible.
- This syllabus/schedule is subject to change. Students will be promptly notified of any changes.

Additional Course Policies and Information

Classroom Attendance & Participation:

Class attendance is important for your learning. You are responsible for all course assignments and meeting all deadlines unless exceptions are agreed upon with the instructor ahead of time. Attendance, promptness, and participation during class are expected and will be evaluated as this part of one's grade. Points will be deducted if students are absent, frequently exiting class, arriving late / leaving early, and/or other distracting behavior. If you are unable to attend class, it is your responsibility to arrange for a classmate to take notes and convey any missed information to you (including any relevant course announcements).

If you need to miss class for a planned activity, let the instructor know ahead of time. See the [Attendance and Class Requirements](#) policy in the undergraduate catalog.

In the event that a student needs accommodation for a religious or cultural holiday/observance, that student is encouraged to make that request as early in the semester as possible

Temporary Academic Supports for Extended Absences:

If you are dealing with an unexpected, extenuating circumstance that will keep you out of class or affect your performance for more than a day or two, reach out to Lisa Enright, Assistant Dean of Student Success, at lisa.enright@unh.edu to request a letter be sent to all your faculty.

If you are required to miss significant class time, you will be provided temporary academic supports so that you can continue to make satisfactory progress in this course. Please contact your course instructor to discuss the specific types of supports that will be implemented during your absence. Possible options you may be provided in this class include:

- Class notes from a peer
- Virtual office hours
- Lecture slides / Handouts or other materials that are distributed

Curtailed Operations:

If the university curtails operations due to weather, we will not hold in-person activities for our safety and the safety of others. As soon as possible, I will post an announcement on Canvas about due dates, any make-up work, and any online options that may make sense depending on where we are in the course. Please make sure you have access to the UNH Alert RAVE system. If needed, sign up for RAVE Alerts [here](#).

Credit Hour Policy

This syllabus reflects the federal definition of a credit hour

<https://catalog.unh.edu/undergraduate/academic-policies-procedures/credit-hour-policy/> which entails a minimum 3 hours of engaged time per week per credit over a 15-week semester. Examples of engaged time include class time, assignments, examinations, laboratories, participation in course-related experiences (attending a talk or performance, speakers and events, fieldwork, etc.), conferences, and office hours. Student work reflects

intended learning outcomes and is verified through evidence of student achievement. For more information, please see: [Pp111 Policy On Credits-And-Degrees.pdf \(neche.org\)](#)

Class Recording Policy

Students may not record class activities (including screenshots showing instructors and students) without express permission from their instructor. If permission is granted, student-initiated recordings may only be used for educational purposes in this class and only during the period in which the student is enrolled in the class; authorized student-initiated recordings may not be posted or shared in any fashion outside of the class.

Incompletes:

Incompletes are meant to be used in cases of extreme medical or personal emergency. These are the only situations in which I will even consider granting an incomplete. I would need to be contacted as soon as possible so that a contract could be negotiated. I reserve the right to ask for documentation of the emergency.

Academic Integrity

Students are required to abide by the [University Academic Integrity Policy](#) located in the [Student Rights, Rules, and Responsibilities Handbook](#) <https://catalog.unh.edu/srrr/student-policies-regulations/academic-integrity/>

Cheating may also occur when a student violates the conditions governing the examination. Examples include, but are not limited to the following:

1. Using oral, written, visual, or other form of communication intended to give or receive improper assistance
2. Looking at or copying another's work
3. Using unauthorized materials (texts, notes, etc.)
4. Having a surrogate take an exam
5. Altering your work after an exam has been returned and before resubmitting it
6. Obtaining and/or using an upcoming exam ahead of time

Plagiarism is defined as “the unattributed use of the ideas, evidence, or words of another person, or the conveying the false impression that the arguments and writing in a paper are your own.” (UNH Academic Honesty Policy, 09.3) Incidents are reported to the school dean and may be grounds for further action. If you have questions about proper citation refer to your department’s writing guidelines. You can contact me at any time on this issue. Additional resources are located below:

<https://cola.unh.edu/academics/plagiarism-tutorial>

<http://libraryguides.unh.edu/unhmcitingsources>

Use of Automated Writing Tools (chatGPT) and other Artificial Intelligence Tools:

Unless otherwise specified, the use of Automated Writing Tools, including chatGPT and similar artificial intelligence (AI) tools, is strictly prohibited in this course, even when properly

attributed. The use of automated writing tools is considered plagiarism (as defined by UNH's [Academic Integrity Policy](#)) and will be handled in accordance with existing policy.

Canvas/mycourses will filter your assignment through a plagiarism prevention program called Turnitin. Turnitin identifies work plagiarized from published works, writing generated by Artificial Intelligence (AI), and prior student submissions. Academic Dishonesty will be treated seriously and may result in a reduced or failing grade and may be reported to the UNH Office of Community Standards. In order to avoid false positives do not use applications that generate writing, such as Grammarly. Please use university supported applications, for example Microsoft Word. <https://td.usnh.edu/TDClient/60/Portal/KB/ArticleDet?ID=854>

UNH Manchester Resources:

Student Accessibility Services (SAS): According to the Americans with Disabilities Act (as amended, 2008), each student with a disability has the right to request services from UNH to accommodate his/her/their disability. If you are a student with a documented disability or believe you may have a disability that requires accommodations, please contact Student Accessibility Services (SAS) located on the Manchester campus in room 417 or sas.office@unh.edu.

Accommodation letters are created by SAS with the student. Please follow-up with your instructor as soon as possible to ensure timely implementation of the identified accommodations in the letter. Faculty have an obligation to respond once they receive official notice of accommodations from SAS but are under no obligation to provide retroactive accommodations.

For more information refer to www.unh.edu/sas or contact SAS at 603.862.2607, 711 (Relay NH) or sas.office@unh.edu.

Library The UNH Manchester librarians are available to assist you with the research process. Visit the library's website at <https://cps.unh.edu/library> to learn about library services and to search for reliable academic sources. You can contact the library at 603-641-4173 or at unhm.library@unh.edu.

The links below guide you to useful online library resources:

- Make a Research Appointment with a librarian:
<https://libraryguides.unh.edu/remotearchive/researchhelp>
- Use the Library Search Box to find information:
https://libraryguides.unh.edu/librarysearchbox_unhmanchester
- Reserve a Study Room: <https://cps.unh.edu/library/support-services>
- Discover resources for Citing Sources:
<https://libraryguides.unh.edu/unhmcitingsources>
- Learn strategies for Evaluating Sources:
<https://libraryguides.unh.edu/ENGL401UNHManchester/evaluatingsources>.

The Center for Academic Enrichment (CAE) The Center for Academic Enrichment (CAE) professionals and peers are available to support all UNH Manchester students in maximizing their learning potential through individual in-person and online tutoring, in-class workshops, and study groups in math, writing, course content, study skills, time management, and personal statements. All students registered for UNH Manchester courses are entitled to one hour of individual tutoring, per course, per week. Appointments are available at <https://caetutor.unh.edu>; for more information, contact the CAE at (603) 641-4113, or unhm.cae@unh.edu.

Early Alerts Report

The University is invested in your academic success. If a faculty member is concerned about your academic behavior or performance, they may submit an academic alert -- particularly around Week 5. Academic alerts are not punitive. The goal is to provide you with support and resources to support your success. They act as an important check-in point and, if you receive an academic alert, you will receive an email to your UNH email address. It is strongly recommended that you meet with a professional advisor and connect with your instructor to discuss the reason for the alert.

Student Wellness Our goal is to cultivate an environment that promotes, advocates for and supports the individual and collective wellbeing of our students. We offer a range of services and resources both on and off campus to help foster life skills for a healthy emotional and mental outlook. For more information, go to:

<https://manchester.unh.edu/academics/academic-services/student-wellness>

Emotional or Mental Health Distress In partnership with The Mental Health Center of Greater Manchester, UNH Manchester offers consultation visits on a walk-in basis and through telehealth appointments. Services include:

- Free confidential screening & consultation with a licensed mental health therapist.
- Referrals to mental health or substance misuse treatment. And assistance in understanding how to afford additional treatment (with or without insurance!) or find free services.

Students can schedule an appointment to meet with a mental health therapist through an online booking link located on the [UNH Manchester Student Wellness page](#).

If you would like to connect to counseling services directly, you may do so by contacting The Greater Manchester Mental Health Center at (603) 668 - 4111.

The National Suicide Prevention Lifeline provides 24/7, free and confidential support via phone or chat for people in distress, resources for you or your loved ones, and best practices for professionals. Call (800) 273-TALK (8255).

Crisis Assessment and Risk Evaluation (CARE) Team provides assistance to the UNH Manchester community when there is a need to activate a systematic, coordinated response to students who may be in crisis or whose mental, emotional or psychological health condition may substantially disrupt or directly threaten the safety of the learning environment. The CARE Team

receives reports regarding students of concern, develops and implements appropriate interventions, assists students in accessing appropriate resources and recommends appropriate actions to the Dean of Students when needed.

More information regarding the CARE Team can be provided by calling the Assistant Dean of Success at 603-641-4116. To report a student of concern, please go to the following link:
<https://manchester.unh.edu/student-experience/assistant-dean-student-success>

General Support

[Basic Needs Support](#): Food, Housing, Financial.

Food Pantry: UNH Manchester Food Pantry- located in room 437, is open Tuesdays and Thursdays. Students can sign up for individual appointment times to shop the pantry throughout the academic year

Financial Literacy Resources

All students benefit from understanding their mindset about money, how to build and use a personal budget, as well as understanding interest rates, loans, insurance, investing, and more. UNH has wonderful free resources for students in [Library Resource Guides](#), and every student can access [CA\\$H COURSE](#) by creating a free account. Find more information on the [Financial Wellness](#) site of Health & Wellness.

[Civil Rights and Equity Office](#) provides services for students who experience identity-based bias.

[The SHARPP Center for Interpersonal Violence Awareness, Prevention, and Advocacy](#) The SHARPP Center is a free and confidential resource for members of the UNH community who have been impacted by interpersonal violence (sexual assault, relationship abuse, stalking, and sexual harassment), regardless of where or when their experience occurred. Provides free and confidential advocacy and direct services to survivors. UNH Manchester's SHARPP Center for Interpersonal Violence Awareness, Prevention, and Advocacy Office Hours during Fall & Spring Semesters are Thursdays 9am-4pm in Room 471. Zoom Appointment Availability year-round is Mon-Fri 9am-4pm
24/7 Crisis Line: 603-862-SAFE (7233)
Main Office: 603-862-3494
<https://www.unh.edu/sharpp>/<https://www.unh.edu/sharpp>.

Confidentiality and Mandatory Reporting of Sexual Violence or Harassment: The University of New Hampshire and its faculty are committed to assuring a safe and productive educational environment for all students and for the university as a whole. To this end, the university requires faculty members to report to the university's [Title IX Coordinator](#) (Bo Zarycky, Bo.Zarycky@unh.edu, 603-862-2930/1527 TTY). Faculty, staff or students on the Manchester campus can also contact Lisa Enright, Deputy Title IX Coordinator

(lisa.enright@unh.edu; 603-641-4336; Room 439) to report any incidents of sexual violence and harassment shared by students.

If you wish to speak to a confidential support service provider who does not have this reporting responsibility because their discussions with clients are subject to legal privilege, you can contact the [SHARPP Center for Interpersonal Violence Awareness, Prevention, and Advocacy](#) at (603) 862-7233/TTY (800) 735-2964, as well as, Caroline Young, SHARRP Center Advocacy Expanded Services Coordinator for UNH Manchester (caroline.young1@unh.edu; room 417; Available in person Mondays 9 am to 4-pm and available by appointment (in person and virtually) by emailing caroline.young1@unh.edu). Individuals can also access Reach Crisis Services NH 603-668-2299 (24 hours), 77 Sundial Ave., Suite 306W, Manchester, NH.

For more information about what happens when you report, how the university treats your information once a report is made to the Title IX Coordinator, your rights and reporting options at UNH (including anonymous reporting options) please visit [student reporting options](#) . The [uSafeUS app](#) is also available for students to keep reporting options and resources easily accessible on their phones.

Help us improve our campus and community climate. If you have observed or experienced an incident of bias, discrimination or harassment, please report the incident by contacting the Civil Rights & Equity Office at UNH.civilrights@unh.edu or TEL # (603) 862-2930 voice/ (603) 862-1527 TTY / 7-1-1 Relay NH, or visit the CREO website. Anonymous reports may be submitted.

UNHM Security: With trained security officers, safety programs and regular awareness events, your safety is our priority both on and off campus. Our officers are graduates of the New Hampshire Campus Safety Academy and work directly with Manchester Police Department to ensure a safe and secure environment for our college community.

Campus Security also coordinates the WalkSafe Service. This service is a walking escort service provided free of charge to members and visitors of the University community. They are located at the front entrance desk and can be reached at unhm.security@unh.edu or (603) 641-4124.

******In case of an emergency call 911******