



“Without hard work, a great strategy remains a dream. Without a great strategy, hard work becomes a nightmare.”

~James Clear

## Professor Contact Information

**Professor:** Dr. Rachele Genthôs

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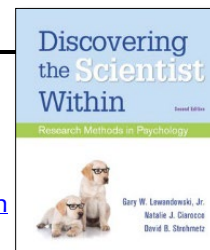
**Office Hours:** T 1:30 – 3:00; W 3:00 – 4:30, by appt.



**Voice Mail:** Include: 1. Your full name 2. 485, online format 3. A **detailed** explanation for why you are calling.  
**Email:** Please use a relevant subject, include “**PSY 485 Adv Research Methods**” in the email, & 1) include a salutation, 2) use descriptive, detailed content about why you are emailing in the body, and 3) sign your name. **Please do not assume that I will view an email outside of Monday – Friday; 8:00 a.m. – 6:00 p.m.** Plan ahead when sending me requests, notifications, or other information. Example: If you have an assignment that is due on a Thursday, do not expect a speedy response if you email me Wednesday night at 8:00 p.m. Please allow two full business days before sending me a friendly reminder. \*An audio file of your VM sent to my email.

## Course Materials

1. [American Psychological Association. \(2019\). \*Publication manual of the American Psychological Association\* \(7th ed.\). Washington, DC: APA. ISBN: 978-1433-832178 \(recommended\)](https://www.amazon.com/Publication-Manual-American-Psychological-Association/dp/1433832178)
2. [Lewandowski et al. \(2019\). \*Discovering the Scientist Within: Research Methods in Psychology\*. New York, NY: Worth Publishers. ISBN: 978-1319107369 \[First edition is also acceptable ISBN: 978-1-319-15244-4\]](https://www.amazon.com/Discovering-Scientist-Within-Research-Methods-in-Psychology/dp/1319107362/ref=sr_1_1?dchild=1&keywords=lewandowski+discovering+the+scientist+within+2nd+edition&qid=1595954620&s=books&sr=1-1)



## Course Description & Objectives

An in-depth look at the variety of research methodologies and specific designs used by psychologists, including qualitative, observational, and correlational research; experiments will be broken down into two-group, multi-group, within-subjects, and factorial designs. The emphasis will be on honing the ability to match a research question to the appropriate design, as well as understanding the correct statistical test needed to test hypotheses. Provides experience in writing a review manuscript on a topic of the student’s choosing and carrying out the steps of a research project.

At the end of this course, you will be better able to:

1. Define and describe the major elements of the research process in detail.
2. Demonstrate knowledge of, and the logic behind, methodologies used in psychological research.
3. Describe strengths and weaknesses behind certain methodologies.
4. Identify major controversial topics in psychology regarding research practices.
5. Take into consideration ethical concerns when evaluating research and constructing research designs.
6. Differentiate the major research designs & determine their appropriateness for certain types of research questions.
7. Evaluate the reliability and validity of measures and understand how surveying and sampling affect a research project’s impact.
8. Write and revise a review of a body of research (individual topic) as well as other sections of a research report (group project).
9. Develop a testable research hypothesis based on your review of a selected topic.
10. Prepare and deliver research presentation.

## Student Responsibilities & Course Requirements

[850 points total]

**Research Requirements.** You will complete aspects of a research project, but that project will be split into different pieces. Your title page, abstract, outline, review manuscript sections (A & B) & references will be completed individually on a topic of YOUR choosing, while your method, results, & discussion will be written as a group using the class research project. I will provide both overall feedback and personalized feedback on each section. At the end of the semester, you or your group will have the choice to revise & resubmit these sections as a coherent whole or on a section-by-section basis for grade replacement. Resubmissions are graded on overall presentation and quality. If a group section is resubmitted by an individual, the individual will receive a grade replacement.

**\*Group work.** Assignments will be of two types: individual submissions & group (assigned 1<sup>st</sup> week of class) submissions. Course requirements completed as a group are denoted with an asterisk (\*); all group members will receive the same grade.



**Virtual Introduction Post** [10 pts]. You will answer a few questions to introduce yourself to the class.

**Ethical Trainings** [20 pts each; 40 pts]. After completing each training, your completion certificate will be submitted.

IRB Training: Available on Canvas.

**Plagiarism Training** (<https://www.indiana.edu/~istd/>). Must be **SIGNED**.

**\*Discussions** [15 pts each; 60 pts]. During the first unit of the course, you will be assigned reading about the class research project [Childfree vs. Childless]. Groups will plan, schedule, meet, and discuss these articles on their own, then designate one group member to post the group's synthesized responses on Canvas.

**Outline & Preliminary Reference List** [50 pts] **IMPORTANT:** NO opportunity for grade replacement. A detailed table of contents (outline) of your entire potential literature review, including an alphabetized, APA style reference list of at least 20 sources (15 empirical) for your literature review. Each correctly listed APA style reference is worth 1 pt; your outline is worth 10 pts; quality 5 pts.

**Review Manuscript Sections & References** [100 pts]. A review manuscript is an extremely thorough and extensive overview & synthesis of the extant research available on your topic(s); we will focus on the "gap in the literature" type. Rather than submitting an entire 12 – 15-page review manuscript, you will only be responsible for submitting two sections (A & B). These submissions will be on a topic of your own choosing will hopefully guide your future research on in PSY 499 Research Project and Seminar in Psychology. Length for sections vary depending on topic, but are at least between 3 - 5 pages long (without references) and will cite at least 8 sources. You will include your entire APA style reference list of at least **25 sources** with both sections. Only 5 of these may be scholarly articles, or webpages from reputable sources. You will place an asterisk in front of the articles that you chose to cite for the current section.

**Data Collection & Entry** [30 pts]. Each individual is responsible for collecting & entering their data into a shared Google doc.

**\*Method Section** [30 pts]. This section will begin by describing the participants who engaged in your data collection. You will describe the instruments/data collection methods you are focusing on for your data analysis. Then you will provide a thorough description of everything the participants experienced in a step-by-step fashion. Another researcher should be able to read your method section and replicate your study. You will add descriptive statistics to this section.

**\*Results Section** [20 pts]. After the data are analyzed, you will submit a results section. I do not assume that you have extensive statistical knowledge. As such, we will devote class period to discussing your design and statistical analyses.

**\*Discussion Section** [50 points]. A concise overview of how your findings, if supported, will contribute to the literature. You will also include a limitations subsection, where you will provide a critique of your own project. Here you will state potential problems in your project and the reasons they were unavoidable. You will also include a future research subsection in which you will discuss other potential research that may be encouraged by your project.

**Title Page & Abstract; Resubmissions for Grade Improvement** [25 points]. You have the choice to revise and resubmit each section of your report for a higher grade (grade replacement), including the Review Manuscript sections, \*Method [Participants, Measures, Design & Procedures], \*Results, \*Discussion [Restatement of Hypotheses, Situation in Literature, Limitations, Future Research and Conclusion], and References. If a student decides to not resubmit ANY of the sections because they are happy with their initial grade, they are still responsible for a Title Page & Abstract.

**Research Presentation** [75 pts]. An 8-10-minute presentation of your review manuscript sections + potential directions and designs (at least one) for PSY 499 Research Project & Seminar. You will also critique your classmates' presentations.

**Peer Review** [60 pts]. *Optional extra credit:* A constructive review of one (1) of your classmates' literature review sections.

**Participation** [50 pts]. You will evaluate your group members' contributions & participation; your group will evaluate you.

**Exams** [3 exams, 100 pts each; 300 pts total]. There will be three closed-book, proctored exams during the semester. Exams will consist of multiple choice, fill in the blank, matching, and short answer application questions. They will cover material from the assigned readings, discussions, assignments, and provided lectures & activities. My video lectures will generally follow the content from the assigned textbook; I will not touch on some textbook information in class and some lecture material will not be found in the text. To earn an A, you must demonstrate both a deep understanding of the material and an **ability to apply** the concepts; being able to recognize and/or reiterate definitions will not suffice. In general, exams will include only new material covered since the previous exam. However, some topics build on previous topics, and as such, older topics may come up again on later exams (e.g., to answer a question about multi-group design, you will need to be able to understand and apply information about two group designs). **\*\*You are allowed one opportunity to retake an exam: no make-ups offered w/o documentation or communication of extenuating circumstances.**

**\*IMPORTANT:** Exams must be proctored in an approved testing location or with Respondus Lockdown Browser + Monitor (personal computer with webcam required). If you choose to take an exam outside of the testing center, you are fully responsible for any WIFI connectivity or technological issues.



**Assignment Submission.** Writing assignments will be submitted *via Canvas* in the form of a *Word compatible file*. Individual submissions will be titled with last name, first initial, 485 & assignment title (e.g. Rossi\_A\_485\_OutlineRef) by 11:59 pm on the relevant due date. Groups will need to designate a member who will submit; group assignments will be titled with group name/#, 485, and assignment title (SparkleScientists\_1\_485\_MRD). It is critical that you factor in the amount of time that it will take you to upload your assignment using the Canvas portal. Papers that are time stamped past 11:59 pm will receive an automatic 10% deduction. **You may only submit assignments up to 3 days late** and 10% will be deducted for each day it is late. If the link to submit the assignment is not available on Canvas, I will not accept the assignment. **All submissions will be APA style, double-spaced with one-inch margins and use 12 point, Times New Roman Font.**

**Zoom Lecture Sessions.** Video lectures of various types will be uploaded to Canvas under the Unit X: Week Y: Ch. Z: Name Here Concept List & Lecture Video page. Slides will be provided online.

**Extra Credit.** There will be practice quizzes available at the end of each week/module that are worth up to 2 extra credit points.

**Make-up/Late Assignment and Exam Policy.** You will be given an optional retake of exam 1, 2, or 3 the week before Thanksgiving, thus no make-up exams will be offered. I accept assignments up to five (5) days late with no questions asked. Other accommodations for missed exams or assignments deadlines will only be made under certain, extenuating circumstances (documentation may be requested) if the reason for your absence is made known to me **within two (2) days of the absence/due date**. Circumstances automatically considered valid include documented illness, college-sanctioned travel, death of a loved one, or the observance of a religious or spiritual holy day. I may also deem certain life events as “extenuating”. For those excuses I deem valid, including those listed above or supported by documentation, no deduction of points will be taken. All other excuses will result in a **5% penalty for each day it is past the deadline/original completion** date. It would be in your best interest to make all reasonable efforts to notify me of an absence in advance. I know that life happens and appreciate honesty. The important thing is that you communicate with me. If you slept in, tell me. If you had a flat tire, I want to know. Please do not waste your time, or mine, making up excuses. I know life happens and want to cultivate open, authentic communication. I always consider the date you sent the email or called, NOT when I received your communication. You will be allowed one individual writing submission freebie; the freebie assignment can be submitted five days late with no penalty as long as you notify me in person or via email 12 hours *before* the deadline.

**Statement about Academic Dishonesty, Misconduct and Consequences.** Academic dishonesty, which includes cheating, fabrication, collusion, and plagiarism, is not tolerated at LCSC. **Cheating:** Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise. “Academic exercise” includes all forms of work submitted for credit hours. **Fabrication:** Intentional and/or unauthorized falsification or invention of any information or the source of any information in an academic exercise. **Collusion facilitating academic dishonesty:** Intentionally or knowingly helping or attempting to help another commit an act of Academic Dishonesty. **Plagiarism:** the deliberate adoption or reproduction of ideas, words, or statements of another person as one’s own without proper acknowledgement. If you are suspected of cheating, fabrication, collusion or plagiarism, I will take immediate action. You will first have a meeting with me about the academic exercise in question (exam, writing assignment). Evidence of academic misconduct will result in a failing grade for that assignment for any student(s) involved. You will then be interviewed by Dr. Andrew Hanson, Vice President for Student Affairs, about the incident. The incident will be kept on file by Dr. Hanson’s office and may provide stand-alone or supportive evidence for expulsion or suspension.

**Check 5 to Thrive:** I am here to guide and support you, and welcome your questions or inquiries.

Before you decide to contact me, if you have a question about course content, an assignment, etc. Please check....

1. The syllabus
2. The information on Canvas (assignment portal, general directions, links)
3. The (video) instructions
4. The guide or rubric to the assignment in question
5. The course Q & A

\* Please wait to get in touch with me with questions, comments, concerns, or notifications after you have gone through this process. In a time-crunch, if your question can easily be answered by one of these aspects, I will prioritize other requests.



Student Support Services

LC State Grading Scale

Grade	Pts	%	Service	Phone	Service	Phone
A	4.0	100 – 93	Campus Recreation	Activity Center West, Rm 114; (208)792-2664 <a href="mailto:campusrec@lcsc.edu">campusrec@lcsc.edu</a>	Security	Meriwether Lewis Hall 110, (208) 792-2815 <a href="mailto:security@lcsc.edu">security@lcsc.edu</a>
A-	3.67	92.99 – 90	Accessibility Services	Library, Rm 161; (208) 792-2677 <a href="mailto:accessibilityservices@lcsc.edu">accessibilityservices@lcsc.edu</a>	Student Involvement	SUB 220; (208) 792-2717 <a href="mailto:hndaugherty@lcsc.edu">hndaugherty@lcsc.edu</a>
B+	3.33	89.99 – 87	E-Learning Services	Sam Glenn Com 214; 208-792-2239 <a href="mailto:e-learning@lcsc.edu">e-learning@lcsc.edu</a>	Student Counseling Center	Sam Glenn Rm 212; (208) 792-2211 <a href="mailto:counseling@lcsc.edu">counseling@lcsc.edu</a>
B	3.0	86.99 – 83	First Year Experience Program	SUB/CSLRm 208; 208-792-2208 <a href="mailto:fye@lcsc.edu">fye@lcsc.edu</a>	Student Employment & Career Center	SUB 202; 208-792-2084 <a href="mailto:elcassetto@lcsc.edu">elcassetto@lcsc.edu</a>
B-	2.67	82.99 – 80	International Programs	Reid Centennial Hall, Rm 22; (208) 792-2177 <a href="mailto:international@lcsc.edu">international@lcsc.edu</a>	Student Health Services	Sam Glenn Complex, Rm 205; (208) 792-2251
C+	2.33	79.99 – 77	IT Helpdesk	Sam Glenn Complex (SGC) 112; (208) 792-2231 <a href="mailto:helpdesk@lcsc.edu">helpdesk@lcsc.edu</a>	Testing Center	Library, Rm 161; 208-792-2100 <a href="mailto:testing@lcsc.edu">testing@lcsc.edu</a>
C	2.0	76.99 – 73	Learning Resource Center	Sam Glenn Complex Rm 218; 208-792-2369; <a href="mailto:slathrop@lcsc.edu">slathrop@lcsc.edu</a>	The Advising Center	RCH 208; 208-792-2313 <a href="mailto:dlybyer@lcsc.edu">dlybyer@lcsc.edu</a> ; <a href="mailto:tac@lcsc.edu">tac@lcsc.edu</a>
C-	1.67	72.99 – 70	Library Information Desk	Library front lobby; (208)-792-2236 <a href="mailto:refdesk@lcsc.edu">refdesk@lcsc.edu</a>	Warrior Pantry	SUB Rm 140; (208) 792 – 2060 <a href="mailto:pantry@lcmail.lcsc.edu">pantry@lcmail.lcsc.edu</a>
D+	1.33	69.99 – 67	Math & Science Tutoring Center	Meriwether Lewis Hall, Rm 320; (208) 792-2273 <a href="mailto:smrousseau@lcsc.edu">smrousseau@lcsc.edu</a>	Writing Center & Spanish Lab	Library R, 172; (208) 792 – 2433
D	1.0	66.99 – 60	Native American, Minority and Veterans' Services	Reid Centennial Hall, Rm 212 (208) 792-2812		
F	0.0	Below 60				



PSY 485 - 60: Advanced Research Methods (Online Format)



PSY 485 Advanced Research Methods Course Schedule				Individual Assignments due on Tuesdays; Group on Thursdays	
~Subject to Change at the Discretion of Professor~; *denotes group assignment					
Wk	Date Fri - Thu	Lewandowski		Topic	All Assignments Due @ 11:59 p.m. via Canvas
		Ch.	Pgs.		
1	8/22 (Mon)	Syllabus		Course Format/Syllabus	Discussion #1: Virtual Introduction Post Thu 8/25
	8/25 (Thu)			Topic Generation for Review Manuscript, Intro to Group Research Project	
2	8/26 (Fri)	1	1-20	Psychology as a Science: Thinking Like a Researcher	*Discussion #2 (Group) Tue 8/30*
	9/1 (Thu)				Signed Plagiarism Training Thu 9/01
3	9/2 (Fri)	2	25-49	The Research Process: Ideas to Innovations	*Discussion #3 (Group) Tue 9/06*
	9/8 (Thu)				
4	9/9 (Fri)	3	55-80	Ethics: Making Ethical Decisions in Research	IRB Training Thu 9/15
	9/15 (Thu)			Proposal for Research Involving Human Participants (PRIHP)	
5	9/16 (Fri)	4	85-116	The Psychologists Toolbox: Tools for Building Better Designs	*Discussion #4 (Group) Tue 9/20*
	9/22 (Thu)			Article Search, Outline & Reference List Workshop	
Ex	9/22 (Thu) 9/27 (Tue)	Exam Chs. 1-4		Exam 1: Opens Thu 9/22 7:00 a.m. → Closes Tue 9/27 8:00 p.m. (LCSC Testing Center or Approved Location)	
6	9/23 (Fri)	5	121-151	Qualitative Research: Getting into the Mind of a Serial Killer	Outline & Reference List (Review Manuscript) Thu 09/29
	9/29 (Thu)			Being an Experimenter, Data Collection & Entry	
7	9/30 (Fri)	6	159-191	Observational Research: The Many Forms	
	10/6 (Thu)			of Discipline in a Parent's Bag of Tricks	
8	10/7 (Fri)	7	197-237	Correlational Research: Is Going Greek a Great Idea?	*Discussion #5 (Group) Patterns/Themes/Questions Tue 10/11*
	10/13 (Thu)			Review Manuscript Section A Thu 10/13	
9	10/14 (Fri)	8	243-276	Two- Group Design: Texting: I Can't Get You Out of My Mind	Data Collection & Data Entry Thu 10/20
	10/20 (Thu)				
Ex	10/20 (Thu) 10/25 (Tue)	Exam Chs. 5 - 8		Exam 2: Opens Thu 10/20 7:00 a.m. → Closes Tue 10/25 8:00 p.m. (LCSC Testing Center or Approved Location)	
10	10/21 (Fri)	9	283-312	Multi-Group Design: I'm Feeling Hot, But is the Earth Hot, Too?	
	10/27 (Thu)				
11	10/28 (Fri)	10	317-347	Within-Subjects Design: Can Watching Reality TV Show Be Good For Us?	Review Manuscript Section B Tue 11/01 (Sent to Peer Reviewer)
	11/3 (Thu)			Writing Your Method, Results & Discussion in Detail	
12	11/4 (Fri)	11	353-387	Factorial Design:	*Method, Results, Discussion Tue 11/08*
	11/10 (Thu)			"I Lost My Phone Number, Can I Borrow Yours?" Do Pick-Up Lines Really Work?	
13	11/10 (Thu) – 11/15 (Tue)	Exam Chs. 9-11		Exam 3 Opens Thu 11/10 7:00 a.m. → Closes Tue 11/15 8:00 p.m. (LCSC Testing Center or Approved Location)	
Ex	11/17 (Thu) - 11/22 (Tue)	Various		Optional Retake of Exam 1, 2, or 3 Opens Thu 11/17 7:30 a.m. → Closes Tue 11/22 8:00 p.m.	
11/21 – 11/25 Thanksgiving Break					
14	11/28 (Mon) - 12/1 (Thu)			Writing Intensive Components: Final & Resubmission Opportunities for both Group & Individual Work	*Method, Results, Discussion Re(submissions) Tue 11/29* Title Page, Abstract, & Review Manu (Re)submissions Thu 12/01
15	12/2 (Fri) - 12/8 (Thu)			Evaluation & Presentation	*Group Member Evaluation (via Qualtrics) Tue 12/06 Research Video Presentation Thu 12/08
16	12/9 (Fri) - 12/13 (Tue)			Optional Peer Review	Optional Peer Review Letter to Editor (Dr. Genthôs) Tue 12/13