FROM RESEARCH QUESTIONS TO CITATIONS: WHAT ARE "DISCIPLINARY WAYS OF KNOWING"?

HUMANITIES	SCIENCES	FX	PRESSIVE ARTS	SOCIAL SCIENCES
English, Art & Art	Chemistry, Biology, Physics,		o Art, Dance, Music	Anthropology, History,
History, Modern	Computer Science, Math,	l meater, staar	o , ii e, Danice, iviasie	Political Sciences,
Languages, Philosophy,	Psychology			Communication, Sociology,
History, Cultural Studies	rsychology			Business, Psychology
riistory, Cultural Studies	WHAT KINDS OF OUEST	LIONS DO SCHO	LARS & STUDENTS ASK?	Busiliess, Esychology
How do we make	What can we learn about		press human experience?	How do we understand
meaning out of human	the natural world?	now do we express numan experience:		human behavior; how do
experience?	the natural world:			social systems structure our
experience:				lives?
HOM	 / DO SCHOLARS & STUDENTS A	ΡΡΡΟΔCΗ/ΔΝ S	WER OUESTIONS? (METHO	
Evidence = artifacts of	Scientific Method =		roblem = a client's	Iterative approach=
human culture—texts.	Scientific Metriou -		ietal need, artist's own	Questions guide data
naman calture texts.	1. Observe natural	invention.	ictal ficca, artist 3 own	collection (qualitative
Close Reading = careful	phenomena	invention.		and/or quantitative, see
observations of textual	phenomena	Problem shou	ld be significant (impacts	below) and influence claims
details (patterns,	2. Ask a research question		nmunities, society),	made
connections, etc.) to	2. Ask a research question		le/definable, open to	Illade
construct meaning, to	3. Formulate a hypothesis		on through artist's	Quantitative Methods =
make claims about	3. Formulate a hypothesis	medium	on through artist's	numerical data & statistical
cultural value.	4. Test the hypothesis	Inediani		analysis
cultural value.	4. Test the hypothesis	Ideas often so	mo from socina	alialysis
Theoretical frameworks	5. Report the results	Ideas often come from seeing surroundings in new ways, for example		Qualitative Methods =
(i.e. Feminism, New	5. Report the results	transforming a common object.		observation, interviews,
Historicism, Marxism,		transforming a	d common object.	text, ethnography, reporting
etc.) = help focus		Analysis of an	d evnerimentation with	human experience
questions and make		Analysis of and experimentation with preceding works/styles.		inditian experience
meaning of evidence.		preceding works/styles.		Theoretical frameworks (i.e.
meaning of evidence.				Feminism, New Historicism,
				Marxism, etc.) = help focus
				questions and make
				meaning of evidence.
HOW DO SCHOLARS & STUDENTS SHARE THEIR WORK?				
Writing is thesis-driven	Writing is hypothesis-driven	Performers	Researchers	Writing is research question
= makes and supports a	= writing reflects methods &			and/or hypothesis-driven =
debatable,	future replication. Others'	Live	Writing is thesis-driven =	Findings are discussed as
interpretative claim.	work synthesized as basis	performance	makes and supports a	cases or populations.
Ideas reflect individual's	for inquiry.	or the	debatable, interpretative	
position.	i o maan y.	creation of	claim. Ideas reflect	Quantitative Studies =
p-0-11.0	Structure = IMRaD (Intro,	an artistic	individual's position.	IMRaD. Qualitative =
Structure = Intro, Body,	Methods, Results,	project	Style reflects goals in	narrative
Conclusion	Discussion)	reflecting interpretive	goals in research design	
001101031011	21300331011)	decisions	and focus on diverse data	Style reflects goals in
Style reflects goals of	Style reflects goals in	based on	detailed/precise, field-	research design and focus
argumentation and	replicability and focus on	research and	specific jargon, sources	on diverse data (either
focus on author = active	data = passive voice,	cultural	paraphrased/synthesized,	select cases or patterns
voice, descriptive,	objective, detailed/precise,	context.	Chicago/Turabian.	within population) =
figurative, rhetorical	field-specific jargon, sources			objective, hedging,
language, sources	paraphrased/synthesized,			detailed/precise, field-
quoted, MLA, Chicago	APA			specific jargon, sources
Manual of Style				paraphrased/synthesized,
aiiaai oi otyic				tables/graphs, APA

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IN-TEXT CITATION BY DISCIPLINE: THE PRINCIPLES BEHIND THE PUNCTUATION

You may have found professors rattling off a series of letters in their writing assignments: MLA, APA, Cell, Chicago. These different standards aren't secret codes intended to confuse you; they reflect important principles in how different academic fields (disciplines) pursue and transmit knowledge. The following examples don't cover all of the complexities—your instructor or a web guide will do that (e.g. Purdue's OWL site). Instead these examples suggest some of the big ideas behind a seemingly little thing like whether you include a date or a quotation mark.

APA (American Psychological Association)	psychology, education, business, some science courses		
As public tolerance toward homosexuality increased, individual support for marriage equality was also likely to increase (Armenia and Troia, 2017, p. 193).	 Elevates author, date, and page to your in-text citation (not just works cited page) Privileges current sources, values recent research/theories Often uses past tense verbs—real events in the past Analysis often takes a side in an ongoing debate or adds new data to confirm or challenge a theory 		
MLA (Modern Language Association)	humanities, English, media/cultural studies, the arts		
"Even as a little boy," Chinua Achebe writes, Okonkwo "had resented his father's failure and weakness" (13).	 Author and page numbers are essential, date in works cited Older sources acceptable, often considered foundational Seeks cleanest possible incorporation of quoted material, values most the paper writer's original interpretation Uses present tense—literary events exist in an eternal present Quotes exact phrase and uses this quote as the object of interpretation—lack of quotations would be a red flag Expects at least 2x your own analysis to quoted material 		
Chicago Manual of Style (aka Turabian)	anthropology, art history, history, politics		
An archeological excavation of cemeteries for the bodies of "the unworthy" poor reveals that many of the coffins had affixed to them small, cheap, mass-produced ornaments. ¹ 1. Edward L. Bell, "The Historical Archeology of Mortuary Behavior," <i>Historical Archeology</i> 24 (1990): 54-78. Bell argues that the differential distribution of cheap coffin ornamentation does not reflect differential social status, but rather the spotty market availability of such products.	 Uses footnotes to expand on history and context (in addition to citation) Thorough citation is highest value—any text referenced must receive a footnote, participating in scholarly conversation Blends direct quotes, paraphrase, and summary Splits between "Note and Bibliography" (NB) and "Author-Date" (AD); AD is more common in the social sciences where more current secondary material is most important 		
Scientific Writing			
Both ribonculeases and bifunctional nucleases are present in the pitcher fluid of the carnivorous plant genus <i>Nepenthes</i> (Stephenson and Hogan 2007). -OR-	 No directly quoted material allowed, facts/data is more important than phrasing in the source text Emphasizes author and date, values recent work Multiple authors are common and the order an author is listed signifies their contribution to the work 		
Stephenson and Hogan (2007) showed the presence of ribonucleases and bifunctional nucleases in the pitcher fluid of the carnivorous plant genus <i>Nepenthes</i> .	 "I" is possible—best papers tell a story about your discovery Avoid emotional responses and unnecessary adjectives, objectivity and data are paramount The goal is concise and precise writing 		