



Using APA style for scientific communication

(Session 3)

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(upgrading slides created by Sieghard Beller, Marco A. Hirnstein,
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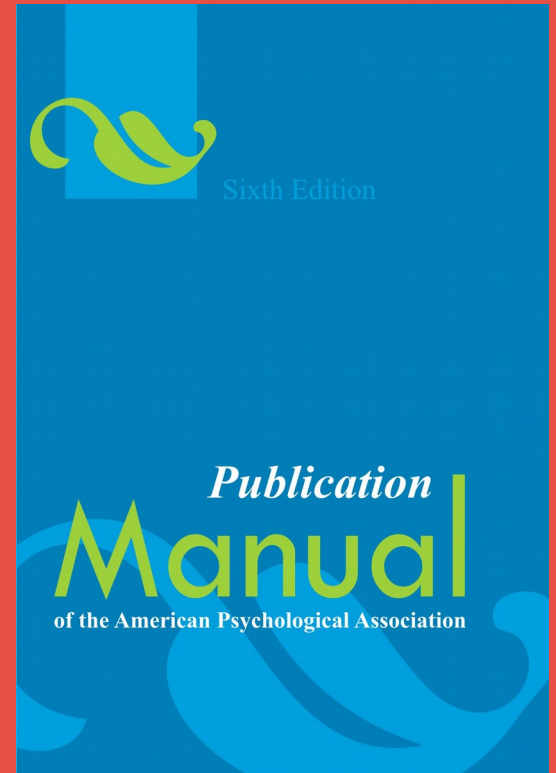


Overview

- Why publishing? Why a rule system?
- structure
- language use
- mechanics of style: period (.), comma, abbreviations, parentheses, etc.
- figures and tables – some practical hints
- **referencing**
- your term paper
- publication process
- ethical issues (authorship, consent, plagiarism)



Crediting sources (Chapters 6 and 7)





Referencing: Why use references?

To indicate which parts of the text are your ideas and what has previously been done.

- honesty: avoid plagiarism
- rhetorically: show that others agree
- customary: to be taken seriously, to show expertise
- educational: to show where readers can learn more

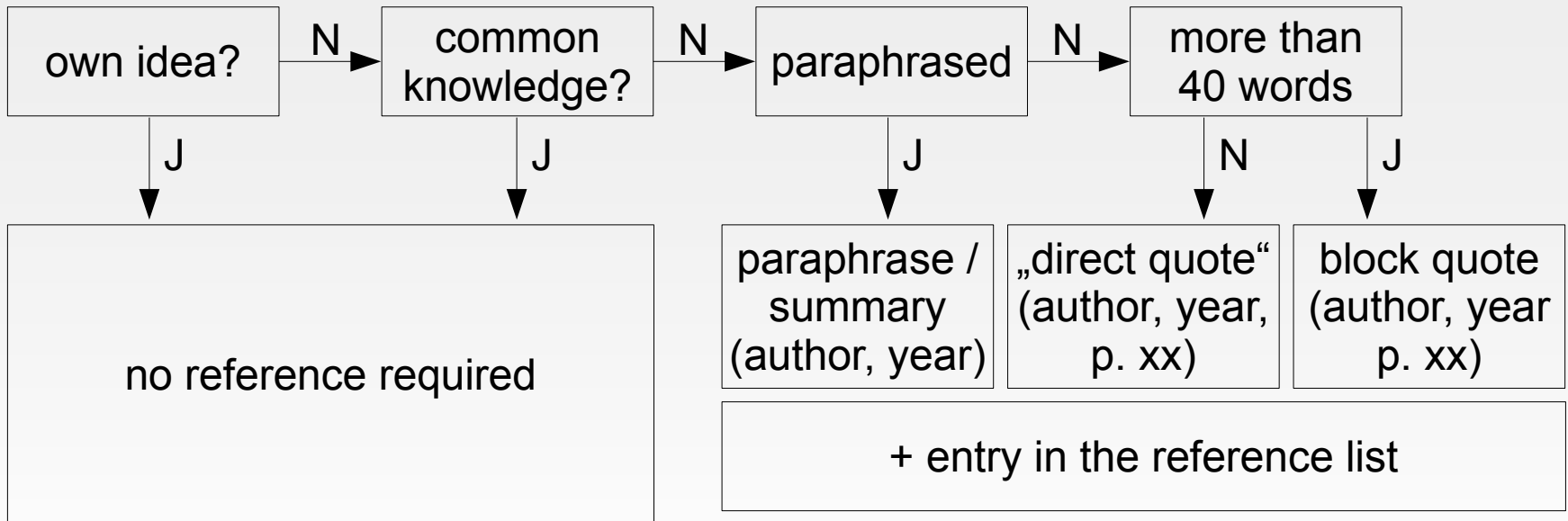
Problem: High error rate (32%) in referencing in APA journals.

Faunce, G. J., & Job, R. F. S. (2001). The accuracy of reference lists in five experimental psychology journals. *American Psychologist*, 56, 829-830.





Referencing: When to use a reference?





Exercises:

*APA-Introduction - Session 3 -
Prause, Staley & Finn (2011).pdf*
on MittUIB

Prause, N., Staley, C., & Finn, P. (2011). The effects of acute ethanol consumption on sexual response and sexual risk-taking intent. *Archives of Sexual Behavior*, 40(2), 373–84.
<http://doi.org/10.1007/s10508-010-9718-9>



Exercise 1: Where would you put a citation?

*APA-Introduction - Session 3 -
Exercise 1.pdf* on MittUiB.



Exercise 2: What are the rules when citing?

APA-Introduction - Session 3 - Exercise 2.pdf on MittUiB.



Referencing: What is a reference?

A reference consists of two parts:

(1) a part in the text:

... A grammatical gender class system such as this has subtle yet pervasive consequences, as it requires gender congruency among all of the words that are associated with the noun (Comrie, 1999; Corbett, 1991; Foundalis, 2002; Harley, 2008). ...

Statement/argument/
finding taken from
another publication

Source: (List of)
author(s) [in alphabet.
order] and year of
publication





Referencing: What is a reference?

A reference consists of two parts:

(2) a part in the reference list

- Comrie, B. (1999). Grammatical gender systems: A linguist's assessment. *Journal of Psycholinguistic Research*, 28, 457-466.
- Corbett, G. G. (1991). *Gender*. Cambridge: Cambridge University Press.
- Foundalis, H. E. (2002). Evolution of gender in Indo-European languages. In W. D. Gray & C. Schunn (Eds.), *Proceedings of the 24th Annual Conference of the Cognitive Science Society* (pp. 304-309). Austin, TX: Cognitive Science Society.
- Harley, T. A. (2008). *The psychology of language*. Hove, New York: Psychology Press.

Alphabetical list with information about the referenced documents:

- to identify and find sources
- 4 parts: Who, when, what (title) and where (publishing site)
- synchronization: all references in the text must be in the list and vice versa.





Referencing: Author-date system

- ***focus on what is said (by whom):***
One study showed that bananas can be peeled (Bush, 2007) ...
- ***emphasis on who said what:***
In a study of chimpanzees, Bush (2007) found that bananas can be peeled...
- ***Several references for a single statement can be collected in parentheses, listed alphabetically, separated by semicolons ;***
Several studies on banana peeling (Bush, 2007; Cheney, 2009) have shown that...





Referencing: References in the text

- **1-2 authors: all names all the time; “and” outside (); “&” inside ()**
As Bush and Blair (2007) demonstrated...
As has been shown (Bush & Blair, 2007)...
- **3-5 authors: all names for the first reference only; subsequent citations: first author followed by “et al.”**
A study (Bush, Cheney, Blair, Rumsfeld, & Rice, 2007) has shown... As the study (Bush et al., 2007) has shown... Bush et al. (2007) also indicated...
- **6+ authors: first author and et al. also for the first reference**
As Solberg et al. (2017) demonstrated...
- **Order of authors: as specified in the source (not alphabetically)**
- **“et al.” = Latin abbreviation for “and others”: “et alii” / “et alia”**





Referencing: > 1 sources for a statement.

- ***all sources in the same parentheses, ordered alphabetically and chronologically, separated by semicolon(s)***

Several studies have shown (Costa, 1985; Costa & McCrae, 1991; DeNeve, 1985)

- ***same author(s): name(s) and list of years (if multiple in one year, use additional letters: a, b,...), separated by comma(s)***

Previous research has shown (Costa & McCrae, 1991, 1993, 2000)...

as shown in several studies (McCrae & McCrae, 1991^a, 1991^b, 1993)...

Studies have shown (Costa & McCrae, 1991, 1993; DeNeve, 1985)...





Referencing: Unique text references

- **publications of the same author(s) in the same year** → **year plus a letter showing the order in reference list:**
Freud accounted for his seduction theory in two publications (1896**a**, 1896**b**)
- **two authors with the same surname** → **include initials:**
The term defense mechanism has been used in different ways (**A.** Freud, 1920; **S.** Freud, 1897)
- **multi-author references from the same year** → **include as many authors as necessary to identify the sources**
Bush, Blair, Rumsfeld and Rice (2007) → **Bush, Blair** et al. (2007)
Bush, Cheney, Wolf and Rice (2007) → **Bush, Cheney** et al. (2007)
- **author is not a person** → **Name of organization, functions as author, written in full (first occurrence) or abbreviated (later):**
A survey in Norway (Statistics Norway [SN], 2008) has shown...
According to the survey mentioned above (SN, 2008)...





Referencing: In-text-only citations

- ***personal communications*** → ***use infrequently***
letters, phone calls, e-mail etc. not available to the reader are included with initials and as accurately as possible a date
K. Hugdahl (personal communication, May 23, 2017)
- ***classical texts (e.g., Bible, Koran, classical Greek texts)***
publication date depends on availability / translation
Subjective well-being was discussed by philosophers of ancient Greece (e.g., Plato, translated 1948)





Referencing: How to quote

- **most common: use a paraphrase**

Locus of control is sometimes defined as a person's belief in the ability to control the environment (Bono & Judge, 2003).

- **less than 40 words: direct quotation**

One definition of locus of control is: “one's belief in one's ability to control one's environment” (Bono & Judge, 2003, **p. 6**)

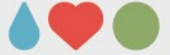
use quotation marks, provide author, year, and page of the source

- **more than 40 words: block quote**

... text of your report. According to **author (year)** ... is denoted as:

Block quote, block quote, block quote, block quote, block quote,
block quote, block quote, block quote, block quote. (**page[s]**)





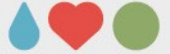
Referencing: Reference list

Purpose: to enable the reader to find, use and verify the sources

- must be complete and correct (must contain all and only sources referred to in the text)
- order alphabetically by names, and chronologically by publication year
- schema: (1) author(s), (2) year, (3) title of publication, (4) where / how published

“An inaccurate and incomplete reference will forever stand in print as an annoyance to future investigators and a monument to the writer's carelessness”
(Bruner, 1942, p. 68)





Referencing: Reference list order

Generally: alphabetically by last name and initials of first author

- **family name:**

Bono, J. E., & Judge, T. A. (2003). Core self-evaluations: ...

Passer, M. W., & Smith, R. E. (2007). Psychology: The science...

- **for two authors with the same family name → initials:**

Bono, A. W. (1998). A study of nothing in particular. ...

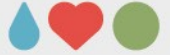
Bono, J. E., & Judge, T. A. (2003). Core self-evaluations: ...

- **for several publications by the same author → publication year:**

Costa, P. T., & McCrae, R. R. (**1980**). Influence of extraversion ...

Costa, P. T., & McCrae, R. R. (**1985**). Hypochondriasis, neuroticism ...





Referencing: Reference list order

“nothing precedes something”-rule

- shorter precede longer family names of the first author:
Brown, N. R., *precedes*
Brown**ing**, A. R. *even though -ing precedes N. in the alphabet*
- article(s) with less authors precedes article(s) with more authors:
Jentschke, S. (2016). The Relationship between Music and Language....
Jentschke, S., & Koelsch, S. (2009). Musical training modulates...

same author(s), same year: sort alphabetically by title, use small letters (a, b, ...) to uniquely identify source in text and reference list:

- Bartone, P. T. (2007a). Factors influencing...
- Bartone, P. T. (2007b). Resilience factors...





Referencing: Journal article

- ***up to six authors:***

Bono, J. E., & Judge, T. A. (2003). Core self-evaluation: A review of the trait and its role in job satisfaction and job performance. *European Journal of Personality*, 17, 5-18. doi: 10.1080/14945623033455

Author name +
initials (for all
authors)

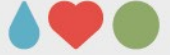
Journal name,
volume (italicized),
page (regular)

Year

Title
(normal
capitalization)

DOI





Referencing: Journal article

- **more than seven authors:**

Cooper, J. M., Gadian, D. G., Jentschke, S., Goldman, A., Munoz, M., Pitts, G., ... Vargha-Khadem, F. (2015). Neonatal hypoxia, hippocampal atrophy, and memory impairment: evidence of a causal sequence. *Cerebral Cortex*, 25(6), 1469–76.
<http://doi.org/10.1093/cercor/bht332>

Names (author 1 to 6), ... name (last author)

Journal name, volume (italicized), page (regular)

DOI

Year

Title (normal capitalization)





Referencing: Journal article

- ***advance online publication***

Seunarine, K. K., Clayden, J. D., Jentschke, S., Munoz, M., Cooper, J. M., Chadwick, M. J., ... Clark, C. A. (2016). Sexual Dimorphism in White Matter Developmental Trajectories Using Tract-Based Spatial Statistics. *Brain Connectivity*. Advance online publication. <http://doi.org/10.1089/brain.2015.0340>

Names (author 1 to 6), ... name (last author)

Journal name (italicized), no volume / page

„Advance online publication“ + DOI

Year

Title (normal capitalization)





Referencing: Journal article

- **article accepted for publication but not (yet) printed:**
Jentschke, S., Friederici, A. D., & Koelsch, S. (in press). Neural correlates of music-syntactic processing in two-year old children. *Developmental Cognitive Neuroscience*.

Author name +
initials (for all
authors)

Journal name
(italicized), no
volume / page

No year, but
(in press)

Title
(normal
capitalization)





Referencing: Journal article

- **manuscript submitted to a journal:**

Koelsch, S., Bashevkin, T., Kristensen, J., Tvedt, J. Jentschke, S. (2018).

Thoughts during mind-wandering are influenced by music.

Manuscript submitted for publication.

Author names +
initials (for all
authors)

No journal name, but
„Manuscript submitted
for publication“

Year

Title
(italicized)





Referencing: Journal article

- ***manuscript that will not be published:***

Hystad, S. W., Eid, J., Johnsen, B. H., Laberg, J. C., & Bartone, P. T.
(2008). *Psychometric properties of the revised Norwegian
dispositional resilience scale*. Unpublished manuscript.

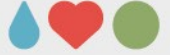
Author names +
initials (for all
authors)

Year

No journal name, but
„Unpublished
manuscript“

Title
(italicized)

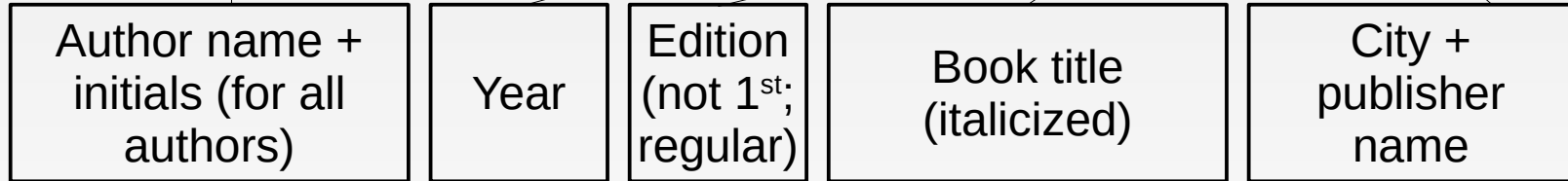


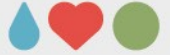


Referencing: Book

- **book:**

Gazzaniga, M., Ivry, R. B., Mangun, G. R. (2018). *Cognitive Neuroscience: The Biology of the Mind* (5th ed.). New York, NY: W. W. Norton.





Referencing: Book section

Chapter
title

Book title
(italicized)

- ***book chapter (in an edited book):***

Jentschke, S. (2016). The Relationship between Music and Language. In S. Hallam, I. Cross, & M. Thaut (Eds.), *The Oxford Handbook of Music Psychology* (2nd ed., pp. 343-355). Oxford, UK: Oxford University Press. <http://doi.org/10.1093/oxfordhb/9780198722946.013.24>

Author name +
initials (for all
authors)

Year

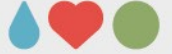
In +
editors
names

Edition
(not 1st),
pages

DOI (if
avail.)

City +
publisher
name





Referencing: Scientific presentaion

- **Conference presentation:**

Bush, G. W. (2007, July). *An observational study of chimpanzee banana peeling and its implications for human banana consumption*. **Lecture given at** the 5th Annual Conference on Human Animal Interaction, Washington, DC.

author name +
initials (for all
authors)

Year,
month

Presentation
title
(italicized)

Lecture given...
Poster presented...
at the...

conference
name + city





Referencing: *Less common references*

- ***articles in newspapers and magazines:***
Kvalnes, T. (2009, February 2). Snåsa man healed me. *Verdens Gang*, p. 4.
Will sell "Snåsa water" by the bottle. (2009, February 3). *Verdens Gang*, p. 6.
- ***secondary sources (references you only read about in other references; should be used very infrequently):***
Primary source stated in the text (Freud, 1897, cited in Jung, 1920).
- ***references in other languages:***
Jimenez, B. M., Natera, N. I. M., Munoz, A. R., & Benadero, M. E. M. (2006). La personalidad resistant como variable moduladora del síndrome de burnout a una Muestras del bomberos. [**Hardy personality as moderator variable of burnout syndrome in fire fighters**]. *Psicothema*, 18, 413-418.





Referencing: Electron. media / internet

- much variation and structured in different ways → difficult to provide clear recommendations
- APA manual (e.g., pp. 187-192)
blog.apastyle.org/apastyle/electronic-references

Three guidelines ALWAYS apply:

- be clear and specific
- refer to a single document / web page rather than the homepage
- make sure that the link works

Munthe-Kaas, A. Z. (2008). *Numerical methods provide insight into renal function.*

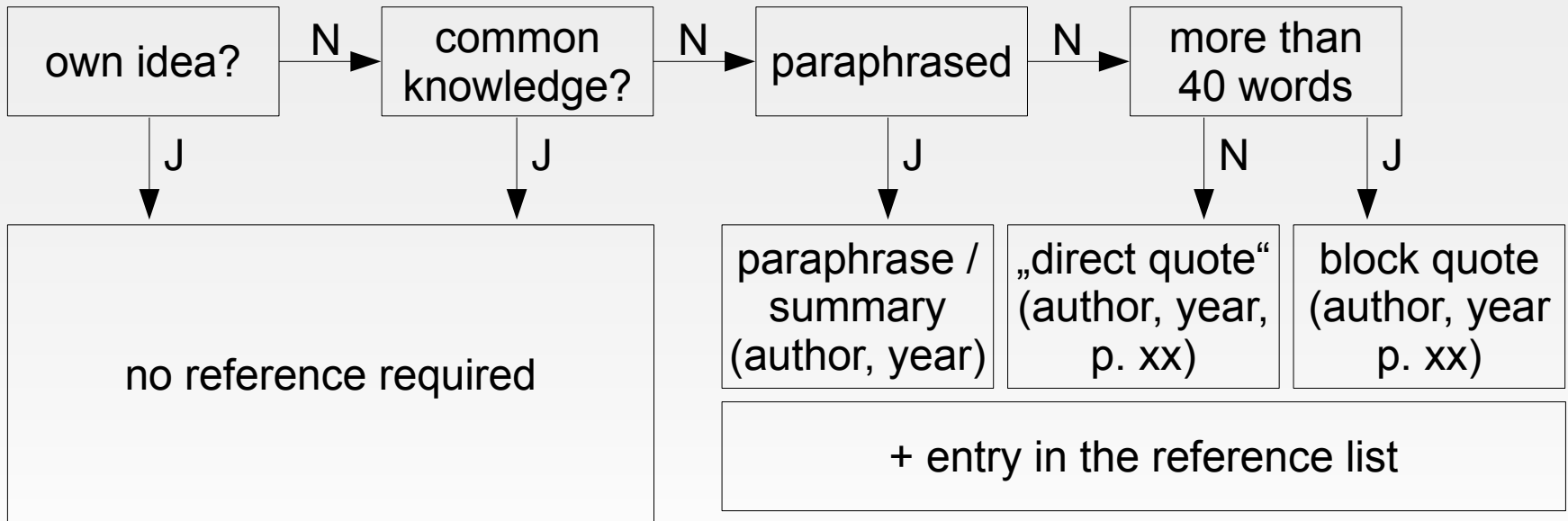
Downloaded from the Department of Mathematics, University of Bergen:

<http://www.uib.no/math/nyheter/2008/11/Numeriske-metoder-gir-innsykt-i-nyrefunksjon/>





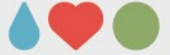
Referencing: When to use a reference?





Exercise 3: What error were made when citing?

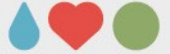
APA-Introduction - Session 3 - Exercise 3.pdf on MittUiB.



Summary

- why scientific findings should be published and why there are standards for scientific presentation
- how a scientific report in psychology should look like
- how to write in a scientific style
- how to present your results – some practical hints
- **how to refer appropriately to the work of others**
- how to write your own papers and theses
- how the publication process works and how to deal with ethical issues (authorship, plagiarism, etc.)





Literature

American Psychological Association (2010): Publication Manual of the American Psychological Association (6th ed.). Washington, DC: APA.

Chapters: 1 (pp. 9-20), 2 (pp. 21-60), 3 (pp. 61-86), and 6 (169-192) are mandatory. This book is a reference work and is relevant for term papers, theses, research, etc.

Sternberg, R. J. (Ed.) (2000). Guide to publishing in psychology journals.

Cambridge UK: Cambridge University Press. doi: 10.1017/CBO9780511807862

Many practical tips on how to write empirical papers and literature reviews.

Rosnow, R. L., & Rosnow, M. (2011). Writing papers in psychology (9th ed.).

Toronto, Canada: Thomson Wadsworth.

A good book for students writing term papers in APA-style.

Bem, D. J. (1995). Writing a review article for Psychological Bulletin.

Psychological Bulletin, 118, 172-177. doi: 10.1037/0033-2909.118.2.172

Excellent and entertaining introduction to the art of article writing





**Thank you very much
for your attention!**