

## An APA Research Paper Model

Thomas Delancy and Adam Solberg wrote the following research paper for a psychology class. As you review their paper, read the side notes and examine the following:

- The use and documentation of their numerous sources.
- The background they provide before getting into their own study results.
- The scientific language used when reporting their results.

Center the title one inch from the top. Double-space throughout.

The introduction states the topic and the main questions to be explored.

The researchers supply background information by discussing past research on the topic.

Extensive referencing establishes support for the discussion.

### Running on Empty: The Effects of Food Deprivation on Concentration and Perseverance

Many things interrupt people's ability to focus on a task: distractions, headaches, noisy environments, and even psychological disorders. To some extent, people can control the environmental factors that make it difficult to focus. However, what about internal factors, such as an empty stomach? Can people increase their ability to focus simply by eating regularly?

One theory that prompted research on how food intake affects the average person was the glucostatic theory. Several researchers in the 1940s and 1950s suggested that the brain regulates food intake in order to maintain a blood-glucose set point. The idea was that people become hungry when their blood-glucose levels drop significantly below their set point and that they become satisfied after eating, when their blood-glucose levels return to that set point. This theory seemed logical because glucose is the brain's primary fuel (Pindl, 2000). The earliest investigation of the general effects of food deprivation found that long-term food deprivation (36 hours and longer) was associated with sluggishness, depression, irritability, reduced heart rate, and inability to concentrate (Keys, Brozek, Henschel, Mickelsen, & Taylor, 1950). Another study found that fasting for several days produced muscular weakness, irritability, and apathy or depression (Kollar, Slater, Palmer, Docter, & Mandell, 1964). Since that time, research has focused mainly on how nutrition affects cognition. However, as Green, Elliman, and Rogers (1995) point out, the effects of food deprivation on cognition have received comparatively less attention in recent years.

# Sample Apa Research Paper

**Larry Pace**



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web the prevertebral muscles longus capitis longus colli rectus capitis anterior and lateralis and scalenus anterior middle and posterior function to flex laterally flex and rotate the head and neck the sternocleidomastoid muscle does not fit in with the other muscles and functions during flexion and contralateral rotation of the head and neck

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jan 3 2023 a net ionic equation is a chemical equation that shows only the species participating in a chemical reaction and omits the spectator ions spectator ions are ions that

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a net ionic equation is the most accurate representation of the actual chemical process that occurs writing these equations requires a familiarity with solubility rules acid base reactivity

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apr 25 2017 this is understood when you consider the two chemicals appear unchanged before and after the reaction therefore the net ionic equation is  $2\text{Cl}^- + 2\text{Ag}^+$

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ions that remain essentially unchanged during a reaction are called spectator ions this means you can ignore them when you write the ionic equation you only need to model how the solid

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may 11 2017 in the net ionic equation any ions that do not participate in the reaction called spectator ions are excluded as a result the net ionic equation shows only the species that

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$1\text{K}^+ + 4\text{Cl}^- + \text{Al}^{3+} + 3\text{OH}^- + 3\text{NO}_3^- + 3\text{H}^+ + 3\text{Cl}^- + \text{Al}^{3+} + 3\text{OH}^- + 3\text{NO}_3^- + 3\text{H}^+$  net ionic  $3\text{OH}^- + 3\text{H}^+ \rightarrow 3\text{H}_2\text{O}$

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oct 2 2019 the net ionic equation is a chemical equation for a reaction that lists only those species participating in the reaction the net ionic equation is commonly used in acid base

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jun 23 2022 what remains when the spectator ions are removed is called the net ionic equation which represents the actual chemical change occurring between the ionic

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aug 10 2023 write the full ionic and net ionic equations for this reaction solution the elemental metals magnesium on the reactant side copper on the product side are neutral

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the first step to writing a net ionic equation is balancing the chemical equation present let s use the reaction between sodium

chloride and silver nitrate as an example next we write the

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highlights learning objectives by the end of this section you will be able to derive chemical equations from narrative descriptions of chemical reactions write and balance chemical

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the net ionic equation is the chemical equation that shows only those elements compounds and ions that are directly involved in the chemical reaction notice that in writing the net ionic

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what remains when the spectator ions are removed is called the net ionic equation which represents the actual chemical change occurring between the ionic compounds  $\text{Cl}^-$   $\text{aq}$

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this net ionic equation indicates that solid silver chloride may be produced from dissolved chloride and silver  $\text{I}^+$  ions regardless of the source of these ions these molecular and

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write the overall chemical equation the complete ionic equation and the net ionic equation for the reaction of aqueous silver fluoride with aqueous sodium phosphate to give solid silver

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the complete ionic equation for this reaction is as follows equation 4  $13 \text{Ag}^+ \text{aq} + 2 \text{F}^- \text{aq} + 2 \text{NH}_4^+ \text{aq} + \text{Cr}_2\text{O}_7^{2-} \text{aq} + \text{Ag}_2\text{Cr}_2\text{O}_7 \text{s} + 2 \text{NH}_4^+ \text{aq} + 2 \text{F}^- \text{aq}$  because two  $\text{NH}_4^+ \text{aq}$

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