

## FALL 2014 JPHAS TOPICS

Listed below are sample topics for each section. Feel free to either choose one listed below or come up with your own. Topics are assigned on a “first come first serve” basis. Email [jphas.journal@gmail.com](mailto:jphas.journal@gmail.com) with your top three topics and you will be assigned to one of the editors.

### News

Editor: Lakshmi Andra ([andra.lakshmi@gmail.com](mailto:andra.lakshmi@gmail.com))

- Northwestern ALS Breakthrough
  - <http://www.northwestern.edu/newscenter/stories/2011/08/siddique-als-breakthrough.html>
- Boosting memory through magnetic stimulation
  - <http://www.nimh.nih.gov/news/science-news/2014/magnetic-stimulation-boosts-human-memory-network-connectivity.shtml>
  - <http://www.iflscience.com/brain/researchers-boost-memory-using-magnetic-stimulation>
  - <http://www.newsweek.com/electricity-brain-transcranial-magnetic-stimulation-boost-memory-267251>
- Neuroscientists send message from brain of one person from India to three people in France
  - <http://www.dailymail.co.uk/sciencetech/article-2747131/Is-proof-humans-TELEPATHIC-powers-Two-men-4-600-miles-apart-send-messages-using-just-minds.html>
- Death of Joan Rivers – elective surgery contributing to death
  - <http://www.cnn.com/2014/09/05/health/joan-rivers-death/>
- Dengue Fever Vaccine Trial
  - <http://consumer.healthday.com/public-health-information-30/vaccine-news-689/dengue-fever-vaccine-shows-some-promise-in-trial-689677.html>
  - <http://www.nytimes.com/2014/09/04/business/experimental-vaccine-shows-promise-against-dengue-fever.html>
- CVS stopped selling tobacco; replaced with quit-smoking products
  - <http://www.nytimes.com/2014/09/03/business/cvs-stores-stop-selling-all-tobacco-products.html>
  - <http://www.usatoday.com/story/news/nation/2014/09/03/cvs-steps-selling-tobacco-changes-name/14967821/>
- Girl with 3 biological parents – genetic engineering experiment
  - <http://www.bbc.com/news/magazine-28986843>

### Opinions

Editor: Alvin George ([ageorg26@uic.edu](mailto:ageorg26@uic.edu))

- Secondhand e-cigarette smoke vs regular cigarette smoke
  - <http://pressroom.usc.edu/second-hand-e-cigarette-smoke-healthier-than-regular-cigarette-smoke-but-still-contains-some-toxic-elements/>
  - <http://pubs.rsc.org/en/content/articlelanding/2014/em/c4em00415a#!divAbstract>
  - <http://www.bbc.com/news/health-29061169>
  - <http://www.theguardian.com/society/2014/sep/05/e-cigarettes-could-save-50000-lives-in-uk>
- WHO report on suicide, suicide prevention nationally and globally
  - <http://www.who.int/mediacentre/news/releases/2014/suicide-prevention-report/en/>
  - <http://www.ncbi.nlm.nih.gov/books/NBK109914/>
- Trend in developing allergies
  - <http://www.cdc.gov/nchs/data/databriefs/db121.htm>
  - <http://fooddrugallergy.ucla.edu/body.cfm?id=40>

- ALS Ice Water Bucket Challenge
  - Describe what ALS is
  - <http://www.bbc.com/news/magazine-29013707>
- Diet and mental health
  - <http://www.bbc.com/future/story/20140826-is-fast-food-making-us-depressed>
  - <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0024805>
- U.S. health care system compared to other countries, health care costs
  - <http://www.nejm.org/doi/full/10.1056/nejmp0910064>
  - <http://www.pbs.org/newshour/rundown/health-costs-how-the-us-compares-with-other-countries/>
- Mobile health technologies (mHealth) and health care
  - [http://obssr.od.nih.gov/scientific\\_areas/methodology/mhealth/](http://obssr.od.nih.gov/scientific_areas/methodology/mhealth/)
  - <http://www.nejm.org/doi/pdf/10.1056/NEJMhle1403384>

## **Research**

Editor: Beatrice Go ([bgo3@uic.edu](mailto:bgo3@uic.edu))

- Electric current to brain boosts memory: May help treat memory disorders from stroke, Alzheimer's, brain injury
  - <http://www.sciencedaily.com/releases/2014/08/140828142742.htm>
  - <http://www.sciencedaily.com/releases/2014/08/140828142742.htm>
- Low Sodium Intake — Cardiovascular Health Benefit or Risk?
  - <http://www.nejm.org/doi/pdf/10.1056/NEJMe1407695>
  - Previous research: <http://jama.jamanetwork.com/article.aspx?articleid=192154>
- This is your brain's blood vessels on drugs
  - <http://www.sciencedaily.com/releases/2014/08/140828110911.htm>
  - <http://www.opticsinfobase.org/boe/abstract.cfm?uri=boe-5-9-3217>
- Hippocampal Neurogenesis Regulates Forgetting During Adulthood and Infancy
  - [http://bms.ucsf.edu/sites/ucsf-bms.ixm.ca/files/shared/20140605.zubia\\_mario\\_.pdf](http://bms.ucsf.edu/sites/ucsf-bms.ixm.ca/files/shared/20140605.zubia_mario_.pdf)
- Surprising Discovery: HIV Hides in Gut, Evading Eradication
  - <http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1004311>
- New way to diagnose malaria by detecting parasite's waste in infected blood cells
  - <http://www.sciencedaily.com/releases/2014/08/140831150339.htm>
- Researchers Identify a New Gene With a Key Role in Obesity and Diabetes
  - <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3567215/>
  - <http://www.joslin.org/news/joslin-researchers-identify-important-factor-in-fat-storage-metabolism.html>
- Key to aging immune system: Discovery of DNA replication problem
  - <http://www.sciencedaily.com/releases/2014/07/140731094447.htm>
  - <http://www.sciencedirect.com/science/article/pii/S1084952114001062>

## **Features**

Editor: Judy Hamad ([jhamad2@uic.edu](mailto:jhamad2@uic.edu))

- How “Transcranial Magnetic Stimulation” (TMS) can boost your memory by zapping a string of neurons
  - <http://www.northwestern.edu/newscenter/stories/2014/08/electric-current-to-brain-boosts-memory.html>
  - <http://www.newsweek.com/electricity-brain-transcranial-magnetic-stimulation-boost-memory-267251>

- Skin Cell Gun—a novel solution for burn victims
  - <http://www.nebrwesleyan.edu/alumni-and-friends/archways-online/summer-2012/art-and-science/57516>
  - <http://www.dailymail.co.uk/health/article-1353070/Star-Trek-skin-gun-heals-severe-burns-days.html>
- The association between wearing a bra and breast cancer—disproved
  - <http://www.sciencedaily.com/releases/2014/09/140905090615.htm>
  - <http://www.aacr.org/Newsroom/Pages/News-Release-Detail.aspx?ItemID=588#.VAn0OLxdWd4>
- Potent HIV anti-body—“Shock and Kill” approach
  - <http://www.utsandiego.com/news/2014/sep/03/hiv-antibody-ward-scripps-nature/>
  - <http://www.sciencedaily.com/releases/2014/08/140814124344.htm>
- Retrain your brain to like healthy food
  - <http://www.nature.com/nature/journal/v487/n7408/full/487439a.html>
  - <http://time.com/3256618/brain-training-healthy-food/>
- Going gluten-free doesn’t necessarily make you healthier
  - <http://online.wsj.com/articles/how-we-eat-the-gluten-free-craze-is-it-healthy-1403491041>
  - <http://www.nytimes.com/roomfordebate/2014/02/20/is-avoiding-gluten-a-risky-fad-or-a-healthy-diet/the-gluten-free-diet-is-a-fad>
- US Healthcare costs expected to surge
  - <http://www.nytimes.com/2014/09/04/us/health-care-spending-to-rise-federal-experts-predict.html>
  - <http://data.worldbank.org/indicator/SH.XPD.TOTL.ZS>
- “Why Doctors Are Sick of Their Profession”
  - <http://online.wsj.com/articles/the-u-s-s-ailing-medical-system-a-doctors-perspective-1409325361>
  - <http://nypost.com/2014/08/23/why-its-hell-to-be-a-doctor-in-america-today/>