 Nuclear Chemistry – Research Topics

1. Food Preservation Using Radiation:
* <http://www.nei.org/Knowledge-Center/Other-Nuclear-Energy-Applications/Food-Agriculture>
* <http://en.wikipedia.org/wiki/Food_irradiation>
1. History of the Nevada Nuclear Test Site and Current Events:
* <http://www.brookings.edu/about/projects/archive/nucweapons/nts>
* <http://en.wikipedia.org/wiki/Main_Page>
1. Nuclear Power Plants in the US and the World:
* <http://www.euronuclear.org/1-information/energy-uses.htm>
* <http://en.wikipedia.org/wiki/Nuclear_power_in_the_United_States>
1. Yucca Mountain and Current Events:
* <http://en.wikipedia.org/wiki/Yucca_Mountain_nuclear_waste_repository>
1. History of Radiology and Current Events:
* <http://www.ishrad.org/home>
* <http://interactive.snm.org/docs/whatisnucmed2.pdf>
1. Nuclear Warfare & Weapons of Mass Destruction (WMDs):
* <https://www.princeton.edu/~achaney/tmve/wiki100k/docs/Nuclear_warfare.html>
1. Nuclear Medicine Diagnostics and Treatments:
* <http://en.wikipedia.org/wiki/Nuclear_medicine>
* <http://interactive.snm.org/docs/whatisnucmed2.pdf>
1. Fission vs Fusion:
* <http://www.diffen.com/difference/Nuclear_Fission_vs_Nuclear_Fusion>
1. Radiation Therapy:
* <http://www.mayoclinic.org/tests-procedures/radiation-therapy/basics/definition/prc-20014327>
1. Radiocarbon Dating and How It’s Used to Date Fossils:
* <http://www.radiocarbon.com/archaeology.htm>
* <http://www.bbc.co.uk/history/ancient/archaeology/carbon_dating_01.shtml>
1. Storage of Nuclear Waste:
* <http://www.nrc.gov/reading-rm/doc-collections/nuregs/brochures/br0216/r2/br0216r2.pdf>

**Categories must include possible careers and salaries:**

* American Chemical Society: <http://www.acs.org/content/acs/en.html>
* Careers in Nuclear Science: <http://www.nuclearconnect.org/in-the-classroom/for-students/careers>