

## Kenan Scholars Research Competencies

| Skills  |
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| <b>Research Mechanics</b> <ul style="list-style-type: none"><li>• Can define a research question and strategically plan an approach to investigating the question<sup>1</sup></li><li>• Conducts effective search strategies and critically evaluates relevant research for research topic</li><li>• Develop and employ a research design and methodology including collecting, analyzing, and interpreting your data</li><li>• Demonstrates time management skills when developing, conducting, and writing a research project/paper</li><li>• Able to articulate and apply standards of research ethics</li></ul>   |
| <b>Information and Data Literacy</b> <ul style="list-style-type: none"><li>• Can evaluate quality/credibility of information and its sources<sup>2</sup></li><li>• Understands the economic, legal, and social issues surrounding the use of information</li><li>• Accesses and uses information ethically and legally<sup>3</sup></li><li>• Demonstrates a basic understanding of statistical terminology and ability to perform basic statistical analysis<sup>4</sup></li><li>• Ability to interpret and critically evaluate statistical information and data-related arguments as they occur in varied contexts<sup>5</sup></li></ul>                   |
| <b>Communication</b> <ul style="list-style-type: none"><li>• Able to effectively present research to a variety of audiences including academic researchers, industry experts, among others</li><li>• Creates clear supporting visuals that enhance one's research</li><li>• Give proper attribution through accurately citing sources in all research materials (e.g. research papers, presentations, etc.)</li><li>• Ability to write a scholarly paper with a clearly defined research question, a hypothesis, key characteristics of the research methodology, results and important conclusions and/or opportunities for additional research.</li></ul> |

<sup>1</sup> UNC Graduate School, Core Competency Framework <http://gradprofdev.web.unc.edu/core-competency-framework/>

<sup>2</sup> ALA Information Literacy Competency Standards for Higher Education, <http://www.ala.org/Template.cfm?Section=Home&template=/ContentManagement/ContentDisplay.cfm&ContentID=33553#ilhed>

<sup>3</sup> Ibid.

<sup>4</sup> Pardo and Marzal, 125

<sup>5</sup> Ibid.