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| Caitlin M. Harris |

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| 7958 Featherchase Terrace Chesterfield, VA, 23832  | [804] 615-0241harri6cm@gmail.com |

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| Education |  |
| January 2017 – Present | **Longwood University, Farmville, VA** Bachelor of Science in Biology with a Chemistry MinorCumulative GPA: 3.959/4.000Major GPA: 3.960/4.000Minor GPA: 3.857/4.000 |
| August 2016 – December 2016 | **James Madison University, Harrisonburg, VA** Studied BiotechnologyCumulative GPA: 3.221/4.000 |

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| Research Experience |  |
| August 2017 – PresentMay 2019 – July 2019 (PRISM)May 2018 – July 2018 (PRISM) | **Undergraduate Research Assistant, Longwood University**Mentor: Erin K. Shanle, Ph.D.Project Title: Using *S. cerevisiae* to screen cancer mutations in the DNA damage response pathwayIn addition, completed two sessions of summer research through the Perspectives on Research In Science & Mathematics (PRISM) program at Longwood University. |

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| Citations |  |
| April 2019 | Harris, C., Savas, J. and Shanle, E.K., 2019. Investigating the Effects of Cancer Mutations on Mre11 Function and the DNA Damage Response. The FASEB Journal, 33(1\_supplement), pp.457-6. |

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| Relevant Research Coursework |  |
| January 2019 – May 2019 | **Immunology, Longwood University** Mentor: Amorette Barber, Ph.D.Project Title: The effect of ethyl and butyl parabens to mimic estrogen to alter differentiation of myeloid derived suppressor cells |
| January 2019 – May 2019 | **Cell Biology, Longwood University** Mentor: Dale Beach, Ph.D.Project Title: Better Gene, Better Beer: Identifying genetic differences between four brewing yeasts in the FLO11 gene |
| August 2018 – December 2018 | **Genetics, Longwood University** Mentor: Amorette Barber, Ph.D.Project Title: Lead-sensitive Escherichia coli in the presence of Gun Shot ResidueProject Title: Investigating the effects of resveratrol on the expression of apoptotic genes |
| August 2017 – December 2017 | **Organic Chemistry II, Longwood University** Mentor: Andrew Yeagley, Ph.D.Project Title: The addition of benzylic bromines to ethyl paraben |

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| Work History |  |
| August 2019 – December 2019 | **Teaching Assistant – Introduction to Cell Biology and Genetics / Longwood University**Provide feedback on lab reports, prepare laboratory supplies, and contribute to the building of lab modules. |
| March 2018 – December 2019 | **Peer Mentor – Office of First Year Experience / Longwood University**Help first year/transfer students during their transition to Longwood and college life. |

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| Awards and Scholarships |  |
| 2019 – 2020 | Wayne H. Tinnell-Hines Scholarship |
| 2019 – 2020 | Commonwealth Award |
| 2019 | Longwood Excellence in Research and Inquiry Award |
| 2019  | Nomination for the Goldwater Scholarship |
| 2018 – 2019  | President’s List  |
| 2017 – 2018  | Dean’s List  |
| 2017 – 2018 | VCCS Transfer Scholarship |

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| Memberships |  |
| 2019 – Present  | The BioDesigners club, vice president  |
| 2019 – Present  | American Society for Biochemistry and Molecular Biology (ASBMB), member |
| 2019 – Present  | The Honors Society of Phi Kappa Phi (PKP), member  |
| 2019 – Present | The Scientific Research Honor Society (Sigma Xi), member |
| 2018 – Present | National Biological Honor Society (BBB), member  |
| 2018 – Present | Virginia Academy of Science (VAS), member |
| 2017 – Present | National Society of Leadership and Success, member |

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| Skills |  |
| **Laboratory Techniques:**  |  |
| * DNA extraction and purification
 | * Polymerase Chain Reaction (PCR)
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| * Site-directed Mutagenesis
 | * Gibson cloning
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| * Nanodrop
 | * Agarose gel electrophoresis
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| * DNA sequence analysis
 | * Microbial plating (E. coli and S. cerevisiae)
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| * Spotting Assay
 | * Transformation (E. coli and S. cerevisiae)
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| **Computer skills:** |  |
| * SnapGene Viewer
 | * Microsoft Word, Excel, and PowerPoint
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| * BLAST analysis
 | * OD600 plate reader
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| * Pymol
 | * APE
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