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| Caitlin M. Harris |

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

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| Research Experience | |  |
| August 2017 – Present  May 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 pathway  In 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 Residue  Project 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) | |
| * Site-directed Mutagenesis | * Gibson cloning | |
| * Nanodrop | * Agarose gel electrophoresis | |
| * DNA sequence analysis | * Microbial plating (E. coli and S. cerevisiae) | |
| * Spotting Assay | * Transformation (E. coli and S. cerevisiae) | |
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| **Computer skills:** |  | |
| * SnapGene Viewer | * Microsoft Word, Excel, and PowerPoint | |
| * BLAST analysis | * OD600 plate reader | |
| * Pymol | * APE | |