

# Sherry Lee

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## EDUCATION

<b>08.2011 – present</b>	<b>Northwestern University</b> Medical Scientist Training Program Degree: MD/PhD (expected in 2019)	Chicago, IL	
<b>09.2008 – 12.2010</b>	<b>University of Washington</b> Degree: Bachelor of Science in Molecular, Cellular, and Developmental Biology with College Honors	Seattle, WA	GPA <b>3.95</b>
<b>08.2007 – 05.2008</b>	<b>Reed College</b> , transferred to University of Washington	Portland, OR	GPA <b>3.96</b>

## HONORS & ACHIEVEMENTS

<b>2015 - present</b>	<b>NRSA F30 individual fellowship – Feinberg School of Medicine</b> <ul style="list-style-type: none"><li>This competitive fellowship supports my graduate school tuition, stipend, and gives me an independent research allowance.</li></ul>
<b>2010-2011</b>	<b>Barry M. Goldwater Scholar – University of Washington</b> <ul style="list-style-type: none"><li>This national scholarship supported my undergraduate research.</li></ul>
<b>07.2010</b>	<b>Undergraduate Research Program Travel Award – University of Washington</b> <ul style="list-style-type: none"><li>This allowed me to attend the 2010 DNA Tumor Viruses Conference.</li></ul>
<b>06.2010</b>	<b>Phi Beta Kappa – University of Washington</b> <ul style="list-style-type: none"><li>This is a national honor society that I was elected to during my senior year in college.</li></ul>
<b>01.2010</b>	<b>Cullen Trust for Higher Education Fellowship Travel Award</b> <ul style="list-style-type: none"><li>This enabled me to attend the Translational Research Symposium and MD/PhD Career Workshop in the Texas Medical Center.</li></ul>
<b>2009 – 2010</b>	<b>Levinson Emerging Scholar – University of Washington</b> <ul style="list-style-type: none"><li>This competitive scholarship supported my undergraduate tuition and gave me an independent research budget.</li></ul>
<b>2008 – 2009</b>	<b>Annual Dean’s List – University of Washington</b> <ul style="list-style-type: none"><li>This is for students who earned a GPA of 3.5 or higher for the year.</li></ul>
<b>2008 – 2009</b>	<b>Mary Gates Research Scholarship – University of Washington</b> <ul style="list-style-type: none"><li>This competitive scholarship supported my undergraduate tuition.</li></ul>
<b>2007 – 2008</b>	<b>Commendations for Excellence in Scholarship – Reed College</b> <ul style="list-style-type: none"><li>This is for students who earned a GPA of 3.5 or higher for the year.</li></ul>

## RESEARCH EXPERIENCES

<b>08.2013 – present</b>	<b>Peroxiredoxin 1 interacts with and stabilizes the differentiation-dependent desmoglein 1 in human keratinocytes</b> PI: Dr. Kathleen Green, Department of Pathology and Dermatology, Feinberg School of Medicine <ul style="list-style-type: none"><li>This is my thesis project that I have been working on to understand the functions of Dsg1-PRDX1 protein-protein interactions in human skin cells.</li><li>I will be presenting this work at the 2016 Society for Investigative Dermatology annual meeting.</li></ul>
<b>09.2008 – 05.2011</b>	<b>Gene regulation by cell- and virus-encoded microRNAs in Merkel cell carcinoma (MCC)</b> PI: Dr. Paul Nghiem, Department of Dermatology, UW School of Medicine

	<ul style="list-style-type: none"> <li>Conducted independent and collaborative research projects to study: 1. Mechanisms of gene regulation by Merkel cell polyomavirus-encoded microRNA in MCC. 2. Functional relevance of up-regulated cellular microRNAs in MCC tumorigenesis.</li> <li>Participated and presented projects in one conference and two undergraduate symposia.</li> <li>Authored on two papers including one first-author paper.</li> </ul>
<b>06.2008 – 08.2008</b>	<p><b>Origin of retinoblastoma tumor cells and their invasive behavior</b>  PI: Dr. Patricia Chávez-Barrios, Department of Ophthalmic Pathology, The Methodist Hospital Research Institute (TMHRI) Summer Student Program</p> <ul style="list-style-type: none"> <li>Studied human retinoblastoma cells' invasive behaviors using migration assays.</li> <li>Initiated and maintained a database of patient samples for research studies.</li> <li>Presented in end-of-program symposium.</li> </ul>
<b>06.2006 – 08.2006 (high school)</b>	<p><b>Role of homeotic gene, <i>abdominal B<sup>5649</sup></i>, in fruit fly reproduction</b>  PI: Dr. Barbara Taylor, Department of Zoology, Oregon State University</p> <ul style="list-style-type: none"> <li>Studied effects of homeotic gene mutations on fruit fly courtship behaviors.</li> <li>Presented in end-of-program symposium.</li> </ul>

## PUBLICATIONS & PRESENTATIONS

<b>09.2011</b>	<p><b>Lee S*</b>, Paulson KG*, Murchison EP, Afanasiev OK, Alkan C, Leonard JH, Byrd DR, Hannon GJ, Nghiem P, <b>Identification and validation of a novel mature microRNA encoded by the Merkel cell polyomavirus in human Merkel cell carcinomas</b>, Journal of Clinical Virology. *Contributed equally.</p>
<b>07.2010</b>	<p><b>Genome-wide studies identify two paths to Rb inactivation in Merkel cell carcinoma</b>, oral presentation at the Molecular Biology of DNA Tumor Viruses Conference, University of Wisconsin.</p>
<b>05.2010</b>	<p><b>Three genome-wide studies identify two paths to Rb inactivation and a novel polyomavirus-encoded microRNA</b>, oral presentation at the University of Washington 13th Annual Undergraduate Research Symposium.</p>
<b>09.2009</b>	<p>Carter JJ,...<b>Lee S</b>, et al. <b>Association of Merkel cell polyomavirus-specific antibodies with Merkel cell carcinoma</b>, Journal of the National Cancer Institute.</p>
<b>05.2009</b>	<p><b>A Merkel cell polyomavirus-encoded microRNA is expressed in human Merkel cell carcinoma tumors</b>, poster presented at the University of Washington 12th Annual Undergraduate Research Symposium.</p>
<b>08.2008</b>	<p><b>Retinoblastoma – cells of origin and invasive behaviors</b>, oral presentation at the Methodist Hospital Research Institute Summer Student Program Symposium.</p>

## LEADERSHIP & VOLUNTEER EXPERIENCES

<b>09.2015</b>	<p><b>Blood pressure screening for the homeless, the Chicago Help Initiative</b></p> <ul style="list-style-type: none"> <li>Took blood pressure and gave information on heart health.</li> </ul>
<b>07.2015</b>	<p><b>Screening Joffrey ballet dancers, Rehabilitation Institute of Chicago</b></p> <ul style="list-style-type: none"> <li>Helped to perform CV fitness, ROM, balance, strength, and alignment tests with attendings and residents.</li> </ul>
<b>09.2011 – 11.2011</b>	<p><b>Community Based Clinically Oriented Workshop, Northwestern Feinberg School of Medicine</b></p> <ul style="list-style-type: none"> <li>Learned basic clinical skills required for volunteering at community health clinics.</li> </ul>
<b>09.2011 – 10.2011</b>	<p><b>Patient Perspectives Program, Northwestern Feinberg School of Medicine</b></p> <ul style="list-style-type: none"> <li>Interviewed patients at the Northwestern Memorial Hospital.</li> <li>Discussed and reflected on patient encounters in a small group setting and by weekly journal entries.</li> </ul>
<b>03.2010</b>	<p><b>Abstract Reviewer, 13<sup>th</sup> Annual Undergraduate Research Symposium, University of Washington</b></p> <ul style="list-style-type: none"> <li>Reviewed poster abstracts submitted by undergraduate researchers.</li> </ul>
<b>2009 – 2010</b>	<p><b>Biology Tutor, Biology Honors Club, University of Washington</b></p>

	<ul style="list-style-type: none"> <li>▪ Tutored students enrolled in Introductory Biology courses.</li> <li>▪ Worked with peer tutors to help students learn basic Biology concepts.</li> </ul>
<b>03.2009</b>	<b>Health-care Alternative Spring Break, University of Washington</b> <ul style="list-style-type: none"> <li>▪ Shadowed physicians working in a rural town Goldendale, WA for a week.</li> <li>▪ Provided local high school students with information on accessing college education.</li> </ul>
<b>06.2008 – 08.2008</b>	<b>Spiritual Care Department volunteer, The Methodist Hospital</b> <ul style="list-style-type: none"> <li>▪ Conducted social visits with long-term hospitalized patients.</li> </ul>