# Michael Fasci 1405 NE Merman Dr. APT. D149, Pullam WA 99163 | (907) 793 –3740 [michael.fasci@wsu.edu](mailto:michael.fasci@wsu.edu) | [www.linkedin.com/in/michaelgfasci](https://www.linkedin.com/in/michaelgfasci)

Education

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| **Washington State University, Pullman WA** Bachelor of Science in Bioengineering Honors Student GPA: 4.0 | Scale of 4.0 President’s Honor List | Expected May 2027 |

Research Experience

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| Research Mentor – Dr. Ryan R. Driskell  Location: Washington State University, Pullman Washington School of Molecular Sciences | August 2023 - Present |

* Creation of a deep hair phenomics pipeline which can digitally detect, extract, and quantify any hair fiber from a high-resolution image
* Using python to create scripts for image annotation and quantification
* Creating and optimizing computer vision models for accurate and precise segmentation masks

Research Presentations

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| **Michael Fasci\***; Jasson Makkar; Tommy Duong; Liam Broughton-Neiswanger, DVM; Iwona Driskell, Ph.D.; and Ryan Driskell, Ph.D. 2025. “Creating the world’s largest mammalian hair database to create a new health diagnostic tool.” Showcase for Undergraduate Research and Creative Activity (SURCA), Pullman, WA. | March 2025 |
| **Michael Fasci\***; Jasson Makkar; Tommy Duong; Liam Broughton-Neiswanger, DVM; Iwona Driskell, Ph.D.; and Ryan Driskell, Ph.D. 2024. “Creating the world’s largest mammalian hair database to create a new health diagnostic tool.” Annual Biomedical Research Conference for Minoritized Scientists. Pittsburgh, PA | November 2024 |
| **Michael Fasci\***; Jasson Makkar; Tommy Duong; Liam Broughton-Neiswanger, DVM; Iwona Driskell, Ph.D.; and Ryan Driskell, Ph.D. 2024. “Creating the world’s largest mammalian hair database to create a new health diagnostic tool.” Annual College of Veterinary Medicine Research Symposium. Pullman, WA | November 2024 |
| Jorge Flores\*; **Michael Fasci**\*; Jasson Makkar; Iwona Driskell, Ph.D.; Ryan Driskell, Ph.D. 2024. “The Role of Lef1 in maintaining dermal extracellular matrix throughout aging.” Showcase for Undergraduate Research and Creative Activity (SURCA), Pullman, WA. | March 2024 |

Conferences

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| Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS) 2024, national, in-person attendant. | 2024 |
| Pacific Northwest Student Leadership Conference 2024, local, in-person attendant | 2024 |
| Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS) 2023, national, virtual attendant. | 2023 |
| Pacific Northwest Student Leadership Conference 2023, local, in-person attendant | 2023 |

Research Awards

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| Voiland School of Chemical Engineering and Bioengineering Ames/Granger Scholarship | 2025 |
| Deans Notable Achievement Fund | 2025 |
| Grey Award for Molecular Sciences at SURCA Local Conference | 2025 |
| ABRCMS 2024 Presentation Award | 2024 |
| ABRCMS 2024 Partial Travel Award | 2024 |
| Scott & Linda Carson UG Fund | 2024 |
| Davidson Leadership Scholarship | 2024 |
| Deans Notable Achievement Fund | 2024 |
| Charles W. Harrison Engineering Scholarship | 2024 |
| Presidential Research Scholars Award | 2023 |
| Western Undergraduate Exchange Distinguished Cougar Award | 2023 |
| **ESTEEMED MIRA Program Trainee (NIH R25 EB027606)** | 2023 |

Teaching Experiences

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| Honors 198 Facilitator | March 2023 - Present |

* Prepares freshman Honors college students for life at college
* Help foster community and solidarity
* Provides resources and teach professionalism

Skills

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| **Programming**: Python and Matlab with a focus on dataset analysis and image processing  **Technical**: Tissue histology and imaging |