**Dana Gibbon**

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**Profile:**

Currently enrolled in the University of Oregon’s master’s program in bioinformatics and genomics, gaining experience in biological programming, next generation sequencing techniques, and statistics. Received Bachelor of Science in Biochemistry and Molecular Biology from Linfield College with minors in math and physics. Developed computational and wet lab skills through research as undergraduate.

**Work Experience:**

**Research Methods, Biology Department, Linfield College** September 2014-May 2015

* + - Assisted Dr. Bonnie Bolkan with her Alzheimer’s research using drosophila
    - Helped plan laboratory procedures for biochemistry and molecular biology course

**Summer Research, Physics Department, Linfield College** June 2014-April 2015

* + - Revised protein folding simulation in MatLab for Dr. Joelle Murray
    - Discussed scientific papers with other students working on the project
    - Poster presentations at the Murdock and American Physical Society conferences

**Colloquium Peer Advisor, Linfield College** May 2014-Febuary 2015

* + - Co-taught colloquium class with Dr. Gaiser to help students transition to college
    - Distance advising over the summer
    - Mentored students during their first semester maintaining confidentiality

**Educational Media Services, Nicholson Library, Linfield College** February 2014-May 2015

* + - Customer service
    - Educational electronic equipment support

**Teaching assistant, Biology Department, Linfield College** August 2013-May 2015

* + - Graded lab reports and exams
    - Assisted students in Principles of Biology Laboratory
    - Demonstrated laboratory techniques

**Laboratory Setup for Biochemistry Course, Chemistry Department, Linfield College** August 2013-December 2013

* + - Prepared buffers and other chemicals before laboratory.

**Education:**

**Graduate School:** University of Oregon, Eugene, OR to be conferred fall 2016

Enrolled in a Master’s program in Biology with emphasis in Bioinformatics and Genomics

**Undergraduate Degree:** Linfield College, McMinnville, OR Class of 2015. **GPA**: 3.50

Bachelor of Science in Biochemistry and Molecular Biology with minors in Math and Physics

**High School:** Eastside Preparatory School, Kirkland, WA Class of 2011.

**Skills:**

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| * PCR, gel electrophoresis, western blot, SDS-PAGE, cell culture, gram staining, pipetting, dilutions * DNA/RNA isolation and fragmentation * Illumina Library Prep | * Microsoft Office programs (Word, Excel, PowerPoint, Outlook, Publisher) * HTML and CSS * Reading and presenting scientific papers * Presenting work at conferences |
| * Python | * Handling confidential material |
| * Shell Scripting * MatLab | * Photography, photo editing software (Photoshop, Paint.Net) |

**Activities:**

Varsity collegiate track athlete (pole vault, triple jump), Dean’s List spring 2015, photography, gymnastics, and viola