

**Angela Jones**  
Recent Graduate  
Department of Biological Sciences  
Humboldt State University, Arcata, CA 95521  
707-798-7849; [ajj177@humboldt.edu](mailto:ajj177@humboldt.edu)

**Education**

2016-2019 Humboldt State University  
MS in Biology  
2012-2016 Humboldt State University  
BS in Zoology  
2010-2012 Pierce Community College  
GE requirements

**Research Experience**

2017-2020 Lead Field & Laboratory Research Assistant for the Humboldt Ocean Carbon Observatory Project, Drs. Frank Shaughnessy and Joe Tyburczy  
2016 -2019 Assistant Supervisor/ Graduate Student Assistant in the Wild Life Gamepens, Dr. Richard Brown  
2016-2018 Research Volunteer, Genetic Analysis of Species Complex *Leptasterias* spp, Dr. Sarah Cohen  
2015-2016 Undergraduate Research Assistant, Humboldt State University  
Effects of ocean acidification on key rocky intertidal predator-prey interactions under supervision of Dr. Paul Bourdeau.  
2014 Undergraduate Research Assistant, Humboldt State University  
Variation of Invertebrates and Algae in and out of Marine Protected Areas in the Northern California under supervision of Dr. Sean Craig and Dr. Joe Tyburczy.

**Teaching Experience**

2016-2019 Teaching Associate at Humboldt State University, Biology Department  
2015-2016 Volunteer Teachers Assistant, Humboldt State University  
For Dr. Paul Bourdeau in Invertebrate Zoology  
2014 Volunteer Teachers Assistant, Humboldt State University  
For Dr. Katie McDonald in Invertebrate Zoology

**Grants and Awards**

2017 Malcom Oliphant Scholarship, \$2000.00  
2016 Marine and Coastal Science Institute Graduate Student Research Award Program, \$1000.00  
2016 Western Society of Naturalist Student Travel Award, \$50.00  
2015 COAST Undergraduate Student Research Support, \$500.00

## Presentations

- 2018 Ureno, G., Bernalova, D. V., Encinas, K. M., Shaughnessy F. J., **Jones, A.J.**, LeBlanc, E., Landaw, K., Ray, J., Nelson, T., Tyburczy, J., Abell, J. Variation of Invertebrate Communities Among Eelgrass Beds in Humboldt Bay: Implications for CO<sub>2</sub> Drawdown. Western Society of Naturalists. Poster.
- 2018 Shaughnessy F.J., Tyburczy, J., LeBlanc, E., **Jones, A.J.**, Ray, J., Lopiccolo, J., Nelson, T., Raether, S., Landaw, K., Abell, J. Spatial Differences in Eelgrass Bed Conditions in Humboldt Bay, CA that Could Affect the CO<sub>2</sub> Drawdown Function of the Plant. Western Society of Naturalist. Poster.
- 2018 Landaw, K., Shaughnessy, F.J., **Jones, A.J.**, Glazebrook, M., Tyburczy, J., Ray, J., Nelson, T., Abell, J. Adjustments to Eelgrass Leaf Area Index in Humboldt Bay Based on Desiccation and Wasting Disease Lesions. Western Society of Naturalists. Poster.
- 2018 **Jones, A.J.**, PE Bourdeau, Morphological Variation in Aboral Spines in the Forcipulate Sea Star, *Pisaster ochraceus*, Across Environmental Gradients. Science of Integrative and Comparative Biology. Paper Talk.
- 2017 **Jones, A.J.**, PE Bourdeau Morphological Variation in Aboral Spines in the Forcipulate Sea Star, *Pisaster ochraceus*, Across Environmental Gradients. Western Society of Naturalists. Paper Talk
- 2017 AN, Zuelow, **AJ, Jones**, PE Bourdeau, Trade-offs between skeletal development and soft tissue growth in *Pisaster ochraceus* across a wave-exposure gradient. Western Society of Naturalists. Poster
- 2016 **Jones, A.J.**, AN, Zuelow KP Orr, PE Bourdeau, Body size and morphology of the keystone predator *Pisaster ochraceus* across an upwelling gradient in the eastern pacific. Western Society of Naturalist. Poster.
- 2015 **Jones, A.J.**, KP Orr, PE Bourdeau, Body size and morphology of the keystone predator *Pisaster ochraceus* across an upwelling gradient in the eastern pacific. Western Society of Naturalist. Poster.
- 2014 **Jones, A.J.**, SJ Shapiro, SA Wickman, LA Booher, SJ Martin, JA Tyburczy, P Raimondi, SF Craig, Latitudinal variation in diversity and abundance of invertebrates and algae in Northern California mussel beds. Western Society of Naturalist. Poster.

## Other Relevant Experience

- 2019 Collection and preservation of specimens for histology in Introductory Zoology, Invertebrate Zoology, and Comparative Anatomy of Vertebrate microscope slide collections
- 2016 Phenotypic Plasticity and Size Morphology of *Pisaster ochraceus*, Master's Thesis
- 2015 Wasting Effects on Different Life Stages of *Leptasterias hexactis*. Senior Research Project.
- 2015 Lead Undergraduate Research Assistant. Vertical distribution of sea star wasting disease in Northern California. Jana Litt Master's thesis.
- 2014-2015 Lead for Phytoplankton Culture for Dr. Sean Craig. Maintaining different cultures for *Watersipora* research
- 2014 Undergraduate Assistant Volunteer. Dr. Katie McDonald  
Monitoring Sea Star Wasting Disease in Trinidad California.

### **Relevant Lab Experience**

- Experienced in using a Quanta FEI 530 for Scanning Electron Microscopy
- Mimics 3-D image software for composite STL files of micro CT scans of sea stars with edits in software Mesh lab to 3D print sea stars.
- Lead Research Assistant to Dr. Paul Bourdeau: experienced in running a lab including scheduling, training, and maintaining equipment.
- Software experience: R, ImageJ, Excel, Mimics.
- Elevated microscope work: Kohler Illumination, dissecting microscope dissections, and extensive work with Infinity and Infinity capture and analyze software.

### **Prominent Course Work Taken at Humboldt State University**

- Electron Microscopy (Scanning and Transmission)
- Advanced Invertebrate Zoology
- Marine Policy Seminar
- Benthic Ecology
- Intertidal Ecology
- Bacteriology
- Marine Macrophyte Ecology
- Phycology
- Principles of Animal Development
- Comparative Anatomy of Vertebrates

### **Additional Voluntary Work**

2015            National member of American Association of Zookeepers  
2012-2017    American Association of Zookeepers member of the Sequoia Park Zoo chapter  
2010-2012    American Association of Zookeepers member of the Point Defiance Zoo and  
                  Aquarium chapter.