**Education**

**M.S. Public Health candidate**, with a concentration in Environmental Health Sciences

San Diego State University, degree expected December 2022, GPA 3.95

**B.S. Chemistry**, minors in Sustainability and Mathematics

San Diego State University, May 2019, GPA 2.97

**Publications**

Stack, M. E.; Cossaboon, J. M.; Tubbs, C. W.; Vilchis, L. I.; Felton, R. G.; Johnson, J. L.; Danil, K.; Heckel, G.; Hoh, E.; Dodder, N. G. Assessing Marine Endocrine-Disrupting Chemicals in the Critically Endangered California Condor: Implications for Reintroduction to Coastal Environments. *Environ. Sci. Technol.* **2022**, 56(12), 7800-7809.

Mladenov, N.; Dodder, N. G.; Steinberg, L.; Richardot, W.; Johnson, J.L.; Martincigh, B. S.; Buckley, C.; Lawrence, T.; Hoh, E. Persistence and Removal of Trace Organic Compounds in Centralized and Decentralized Wastewater Treatment Systems. *Chemosphere*. **2022**, 286, 131621.

**Fellowships/Grants/Awards**

(05/2021) John J. Hanlon Award – Outstanding Graduating Masters Student in the School of Public Health

(06/2020) San Diego State University Masters Research Scholarship ($10,000)

(06/2020) Water Environment Federation InFLOW STEM Path Award

(05/2020) Switzer Fellow, 1-year fellowship for graduate students pursuing environmental careers and committed to leadership development ($15,000)

(11/2019) Southern California Society for Environmental Toxicology and Chemistry Graduate Student Research Grant ($2,000)

(05/2019) Betty Joe Crawford Memorial Award for Commitment to Mentoring, Outreach, and Outstanding Contributions to Further Advance Others in STEM Fields

(01/2018) American Chemical Society Travel Award for Best Undergraduate Abstract at 2017 American Indians in Science and Engineering Society National Conference

(2016 – 2019) National Institutes of Health/ National Institutes of General Medical Sciences Maximizing Access to Research Careers Scholar

(01/2014) American Indian Communities and Culture Success and Sustainability Scholarship

**Research Appointments**

07/2022 – present; **Research Specialist I**, Dr. Eunha Hoh Environmental Health Laboratory, San Diego State University Research Foundation

06/2019 – 08/2022; **Graduate Research Assistant**, Dr. Eunha Hoh Environmental Health Laboratory and Dr. Natalie Mladenov Water Innovation and Reuse Lab, San Diego State University Research Foundation

08/2017 to 05/2019; **Student Research Assistant**, Dr. Eunha Hoh Environmental Health Lab, San Diego State University Research Foundation

08/2016 to 05/2017; **Student Research Assistant**, Dr. Andrew Cooksy, San Diego State University Department of Chemistry

06-07/2016 & 06-07/2017; **Summer Research Assistant**, Dr. Edward Rosenberg, National Science Foundation –Research Experience for Undergraduates, University of Montana, MT

08/2015 – 02/2016; **Research Trainee**, Dr. Christopher Paolini, Computational Science Research Center, San Diego State University

**Leadership Positions**

**Treasurer** (2016-2017), **President** (2015-2016), Native American Student Alliance (NASA), San Diego State University (4 hr/wk, 12 mo)

Secured a total of $6,000 SDSU Campus Program Funding (CPF) to host the SDSU Powwow in 2017 and Native artist, Bunky Echohawk, for one of our Native American Heritage Month events in 2015.

**Volunteer Experience** (total hours = 96)

(Annual event, April 2013 – 2018) **Native American Youth Empowerment Conference Volunteer**, hosted by Native American Student Alliance at SDSU (54 hours)

(Fall 2018) **Chemistry 100 Tutor**, Student Member of American Chemical Society, SDSU (12 hours)

(2016-2019) **Science Outreach Volunteer**, semesterly STEM activities for middle school students as a Mathematics, Engineering, Science Achievement (MESA) scholar (30 hours)

**Invited and Volunteered Talks**

(11/2020) **Invited Co-Panelist**. *Celebrating Resilience and Sustainability.*

Hosted by Qualcomm for their Diversity and Inclusion Native American Heritage Month Event

(08/2020) **Invited** **Co**-**Speaker**. *My Journey and How Energy Policies Impact Indigenous Health.*

Co-speaker at American Indian’s Accessing Health Professions Conference – Public Health and Health Policy Breakout Session

(03/2020) **Invited Co-Panelist**. *Intertwining the Past, Present, and Future of Indigenous Sovereignty & Environmental Justice.*

Hosted by SDSU’s Green Love club and Native American Student Alliance

(02/2019) **Presenter**. *The Importance of Indigenous Representation in STEM*

Presentation and STEM workshop activity for indigenous high school and middle school students at SDSU NASA Youth Empowerment Conference

(03/2018) **Invited Co-Presenter**. *How I Got Involved in Research on Campus*

Presentation to Pre-Maximizing Access to Research Careers seminar class at San Diego State University

(09/2016) **Invited Co-Presenter**. *Benefits of Participating in Research and How to Get Involved*

Presentation to high school seniors at Mesa College’s Sustainability Summit

**Scientific Presentations**

1. Johnson JL, Mladenov N, Steinberg L, Dodder N, Hoh E. (2022). A Non-Targeted Analysis of Aerobic and Anaerobic Membrane Bioreactors for Removing Trace Organic Chemicals from Municipal Wastewater. American Indians in Science and Engineering National Conference. Palm Springs, CA, Oct 2022. Oral.
2. Johnson JL, Mladenov N, Steinberg L, Dodder N, Hoh E. (2020). Persistence and Removal of Trace Organic Compounds in Parallel Aerobic and Anaerobic Membrane Bioreactor Systems for Water Reuse. Oral presentation to San Elijo Joint Powers Authority Water Reclamation Facility. San Diego, CA, Nov 2020. Virtual, Oral.
3. Johnson JL, Mladenov N, Steinberg L, Dodder N, Hoh E. (2020). Non-Targeted Evaluation of Aerobic and Anaerobic Membrane Bioreactors for Treating Emerging Conaminants in Municipal Wastewater. Oral presentation at Society of Environmental Toxicology and Chemistry – Southern California Chapter. San Diego, CA, Oct 2020. Virtual, Oral.
4. Johnson JL, Stack M, Dodder, N, Hoh E. (2018) California Condors’ Exposure to Organic Contaminants in the California Coast. Annual Biomedical Research Conference for Minority Students; Indianapolis, IN, Nov 2018. Poster.
5. Johnson JL, Stack M, Dodder, N, Hoh E. (2018) California Condors’ Exposure to Organic Contaminants in the California Coast. San Diego State University, Undergraduate Research Symposium, San Diego, CA, Nov 2018. Oral.
6. Johnson JL, Tsosie R, Rosenberg E. (2018) Selective Extraction of Uranium and Arsenic Using an Aminophosphonic Acid Functionalized Composite Material. American Chemical Society National Meeting; New Orleans, LA, Mar 2018. Poster.
7. Johnson JL, Tsosie R, Rosenberg E. (2017) Selective Extraction of Uranium and Arsenic Using an Aminophosphonic Acid Functionalized Composite Material. American Indian Science and Engineering Conference; Denver, CO, Sept 2017. Oral.
8. Johnson JL, Cooksy, A. (2017) Theoretical Evaluation of i-C4H3 radical and its reactions with CO, HCN, O2, and C2H4. San Diego State University Student Research Symposium, San Diego, CA, Mar 2017. Poster.
9. Johnson JL, Latterman, R, Rosenberg, E. (2016) Investigations on the Surface Structure and Properties of Magnetite Core-Polyamine Composites on the Nanoscale: Applications to Metal Ion Capture and Recovery. Society for the Advancement of Chicanos/Hispanics and Native Americans in Science Conference, Long Beach, CA, Oct 2016. Poster.
10. Johnson JL, Paolini CP. (2015) Effect of Aqueous Electrolytic Reactions on Reservoir Temperature During CO2 Injection. Society for the Advancement of Chicanos/Hispanics and Native Americans in Science Conference, Washington, D.C. Oct 2015. Poster.