

## Kristofor Anson Voss

Department of Biology  
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**FACULTY** **Regis University, Denver, CO** **August 2015 - present**  
**APPOINTMENTS** *M.S. Environmental Biology Program Director* August 2017 - present  
*Assistant Professor of Biology* August 2016 - present  
*Visiting Assistant Professor* August 2015 - July 2016

**Duke University, Durham, NC** **August 2014 - December 2015**  
*Instructor* August 2014 - December 2015

**EDUCATION** **PhD Environment** **September 2015**  
*Duke University, Durham, NC*  
*Major Field: Stream Ecology, Minor Field: Statistics*  
*Certificate in Ecology, Certificate in College Teaching*  
*Dissertation: Structural and functional consequences of land-use change in a river network context*  
*Committee: Emily Bernhardt (co-chair), Dean Urban (co-chair), Ryan King, Justin Wright*

**MS Environmental Engineering** **July 2008**  
*National University, La Jolla, CA* *With Distinction*  
*Thesis: Evaluation of the biological integrity of streams in the San Diego Hydrologic Region*  
*Committee: Shekar Viswanathan (chair), Hassan Badkoobehi, Joe Purohit*

**BS Chemistry** **May 1998**  
*Texas A&M University, College Station, TX* *Summa Cum Laude*  
*Research Project: Studies toward the total synthesis of Pateamine A*  
*Advisor: Daniel Romo*

### PEER-REVIEWED ARTICLES

Bolt, L.M., Schreier, A.L., Voss, K.A., Sheehan, E.A., & Barrickman, N.L. (2020). Down by the riverside: Riparian and anthropogenic edge effects and their impact on monkeys and vegetation in a fragmented tropical wet forest in Costa Rica. *Biotropica*, 52(3), 541-553. doi:10.1111/btp.12769.

Simonin, M., Voss, K.A., Hassett, B.A., Rocca, J.D., Wang, S., Bier, R.L., Violin, C.R., Wright, J.P., & Bernhardt, E.S. (2019). In search of microbial indicator taxa: Shifts in stream bacterial communities along an urbanization gradient. *Environmental Microbiology*, 21(10), 3653-3668. doi:10.1111/1462-2920.14694.

Baruch, E.M., Voss, K.A., Blaszczyk, J.R., Delesantro, J., Urban, D.L., & Bernhardt, E.S. (2018). Not all pavements lead to a stream: Variation in impervious surface connectivity affects urban stream ecosystems. *Freshwater Science*, 37(3), 673-684. doi:10.1086/699014.

Bolt, L.M., Schreier, A.L., Voss, K.A., Sheehan, E.A., Barrickman, N.L., Pryor, N.P., & Barton, M.C. (2018). The influence of anthropogenic edge effects on primate populations and their habitat in a fragmented rainforest in Costa Rica. *Primates*, 59(3), 301-311. doi:10.1007/s10329-018-0652-0.

Voss, K.A., & Bernhardt, E.S. (2017). Effects of mountaintop removal coal mining on the diversity and secondary productivity of Appalachian rivers. *Limnology & Oceanography*, 62(4), 1754-1770. doi:10.1002/lno.10531.

Voss, K.A., King, R.S., & Bernhardt, E.S. (2015). From a line in the sand to a landscape of decisions: A hierarchical diversity decision framework for estimating and communicating biodiversity loss along anthropogenic gradients. *Methods in Ecology & Evolution*, 6(7), 795-805. doi:10.1111/2041-210X.12379.

Bier, R.L., Voss, K.A., & Bernhardt, E.S. (2015). Bacterial community responses to a gradient of alkaline mountaintop mine drainage in Central Appalachian streams. *The ISME Journal*, 9, 1378-1390. doi:10.1038/ismej.2014.222.

Voss, K.A., Pohlman, A., Viswanathan, S., Gibson, D., & Purohit, J. (2012). A study of the effect of physical and chemical stressors on biological integrity within the San Diego hydrologic region. *Environmental Monitoring & Assessment*, 184(3), 1603-1616. doi:10.1007/s10661-011-2064-0.

Viswanathan, S., Voss, K.A., Pohlman, A., Gibson, D., & Purohit, J. (2010). A study of the effect of physical and chemical stressors on biological integrity within the San Diego hydrologic region. *Journal of Environmental Engineering*, 136(6), 627-637. doi:10.1061/(ASCE)EE.1943-7870.0000193.

**MANUSCRIPTS  
IN PREP**

*Dates in this section indicate last manuscript revision*

Stacy, A., Moreno, N., Voss, K.A., & Hufft, R. (2020, March). Do beaver dam analogs improve habitat for macroinvertebrates? A case study from Deer Creek, CO. Unpublished manuscript.

Wooldridge, A., & Voss, K.A. (2019, July). How much is too much? Synthesizing sublethal effects of pesticides on sensitive aquatic insects via a meta-analytic approach. Unpublished manuscript.

Voss, K.A., Loewy, K., Scott, C., & Pitluck, A. (2019, February). Preferred habitat for the Hudsonian emerald dragonfly. Unpublished manuscript.

Clifford, C., Holmquist, J.G., Voss, K.A., Gengenbach, J.S., & Heffernan, J.B. (2019, January). Urban ditches and natural creeks house similar invertebrate communities in a minimally developed California watershed. Unpublished manuscript.

Somers, K.A., Voss, K.A., Bernhardt, E.S., & Urban, D.L. (2018, August). All pavement is not created equal: Examining the effects of development configuration and connectivity on thermal pollution to streams. Unpublished manuscript.

Burke, T.C., & Voss, K.A. (2018, May). Investigating the influence of abiotic variation on *Escherichia coli* population dynamics in three Denver, CO streams. Unpublished manuscript.

Schrik, M., & Voss, K.A. (2016, May). Sublethal effects of copper on an urban-dwelling damselfly (*Ischnura sp.*). Unpublished manuscript.

Voss, K.A., Jian, Y., Nojavan, F., Bernhardt, E.S., & Reckhow, K.H. (2012, August). The impact of swine CAFOs on the Neuse River watershed nitrogen budget. Unpublished manuscript.

**OTHER  
PUBLICATIONS**

Loewy, K., Reading, R., Voss, K.A., & Scott, C. (2019). Hudsonian emerald (*Somatochlora hudsonica*, Hagen) plant and invertebrate associations in Boulder County. Report submitted to Boulder County Parks and Open Space in February, 2019.

Voss, K.A. (2019). Investigating determinants of richness in ephemeral and permanent wetlands using linear models in Shiny. DIG into Data FMN (2018), QUBES Educational Resources. doi:10.25344/Q4RQ9T.

Kleier, C., & Voss, K.A. (2019). The value of students exploring ecosystem services on urban campuses: Care of the whole campus. *Conversations in Jesuit Higher Education*. Published online January 30, 2019. <http://www.conversationsmagazine.org/columns/2019/1/30/the-value-of-students-exploring-ecosystem-services-on-urban-campus-care-of-the-whole-campus>

Voss, K.A., & Kleier, C.K. (2018). Using CREATE in the undergraduate ecology classroom. *Wicked Problems: Investigating Real World Problems in the Biology Classroom (SW 2018)*, (Version 2.0). QUBES Educational Resources. doi:10.25344/Q4V71W.

Voss, K.A., & Loewy, K. (2017). Species conservation plan for the Hudsonian emerald (*Somatochlora hudsonica*, Hagen) on Boulder County Parks and Open Space. Report submitted to Boulder County Parks and Open Space on December 8, 2017.

Voss, K.A., & Loewy, K. (2017). Hudsonian emerald (*Somatochlora hudsonica*, Hagen) in Boulder County. Report submitted to Boulder County Parks and Open Space on December 8, 2017.

## ORGANIZED CONFERENCE SESSIONS

Kleier, C., & Voss, K.A. (2018, August). The value of students exploring ecosystem services on urban campuses. Organized oral session at the Ecological Society of America Annual Meeting, New Orleans, LA.

## CONFERENCE PRESENTA- TIONS

\* indicates advised student

Brandt, J.E., Voss, K.A., Eagles-Smith, C., Ruso, G., Jardine, T., Stricker, C., Lepak, R., McIntyre, P.B., & Walters, D. (2020, June). Predicting where and when salmon-derived mercury could impact recipient ecosystems. Poster presentation at the Society for Freshwater Science 2020 Annual Meeting, Virtually Held.

Patsilevas, R.\*, Stacy, A.\*, Westbrook, C.\*, & Voss, K.A.. (2020, February). Do macroinvertebrates indicate restoration success in semiarid freshwater pools? Evidence from the Mora River Watershed, New Mexico. Poster presentation at the 2020 Front Range Student Ecology Symposium, Fort Collins, CO. **2nd Place Student Poster Presentation Award**

Voss, K.A., & Loewy, K. (2019, November). The necessity of high quality habitat when you're living on the edge: A case study of the Hudsonian emerald. Poster presentation at the Entomological Society of America 2019 Annual Meeting, St. Louis, MO.

Wooldridge, A.\*, & Voss, K.A.. (2019, May). How much is too much? Synthesizing sublethal effects of pesticides on sensitive aquatic insects using a meta-analytic approach. Poster presentation at the Society for Freshwater Science 2019 Annual Meeting, Salt Lake City, UT.

Voss, K.A., & Loewy, K. (2019, April). The necessity of high quality habitat when you're living on the edge: A case study of the Hudsonian emerald. Oral presentation at the 2019 Front Range Open Space Research Symposium, Lakewood, CO.

Aquino, J.\*, Slabe, J.\*, Toral Becker, A.\*, & Voss, K.A.. (2019, February). Can crayfish and creek chub sustain river otters in the Mora River? Poster presentation at the 2019 Front Range Student Ecology Symposium, Fort Collins, CO.

Moreno, N.\*, Scott, C.\*, & Voss, K.A.. (2019, February). Rio Mora National Wildlife Refuge habitat suitability status for the reintroduction of the North American river otter (*Lontra canadensis*). Poster presentation at the 2019 Front Range Student Ecology Symposium, Fort Collins, CO. **3rd Place Student Poster Presentation Award**

Bolt, L.M., Schreier, A.L., Voss, K.A., & Barrickman, N.L. (2018, November). Natural and anthropogenic edge effects and their influence on monkeys and vegetation in a fragmented tropical rainforest in Costa Rica. Presentation at the Canadian Association for Physical Anthropology 42nd Annual Meeting, London, ON, Canada.

Voss, K.A., Kleier, C., & Palmquist, A. (2018, August). Ecology in and beyond the Clear Creek-Regis corridor. Oral presentation at the Ecological Society of America Annual Meeting, New Orleans, LA.

Voss, K.A., & Kleier, C. (2018, July). Using CREATE in the undergraduate ecology classroom. Poster presentation at the BioQUEST 2018 Summer Workshop, Claremont, CA.

Aloia, C., Gammonley, J.H., Nehring, J., & Voss, K.A. (2018, June). Using long-term monitoring to guide spring wetland management for ducks in the San Luis Valley, Colorado. Poster presentation at the Society for Wetland Scientists Annual Meeting, Denver, CO.

Simonin, M., Voss, K.A., Hassett, B.A., Rocca, J.D., Wang, S.-Y., Bier, R.L., Violin, C.R., Wright, J.P., & Bernhardt, E.S. (2018, May). Identifying bacterial indicator taxa along an urbanization gradient in stream ecosystems. Poster presentation at the Society of Environmental Toxicology and Chemistry Europe 28th Annual Meeting, Rome, Italy.

- Voss, K.A., & Loewy, K. (2018, May). The necessity of high quality habitat when you're living on the edge: A case study of the Hudsonian emerald. Oral presentation at the Society for Freshwater Science 2018 Annual Meeting, Detroit, MI.
- Herrin, A.\*, Voss, K.A., & Loewy, K. (2018, February). Expert judgement accurately estimates habitat for the Hudsonian emerald in Boulder County. Poster presentation at the Front Range Student Ecology Symposium, Boulder, CO.
- Voss, K.A. (2017, May). Evolving better indices: Can genetic algorithms improve multimetric index construction? Oral presentation at the Society for Freshwater Science 2017 Annual Meeting, Raleigh, NC.
- Voss, K.A., Kleier, C., Sakulich, J. (2017, March). It's getting hot out there: Using wireless environmental sensors to investigate microscale heat islands at Regis, Denver, CO.
- Ross, M., Nippgen, F., Voss, K.A., McGlynn, B., Bernhardt, E. (2016, May). Contaminants in time and space: Mountaintop mining impacts on stream hydrology, biogeochemistry and macroinvertebrates. Oral presentation at the Society for Freshwater Science 2016 Annual Meeting, Sacramento, CA.
- Voss, K.A., & Bernhardt, E.S. (2015, May). Turning a snapshot into a motion picture: Patterns in aquatic insect production along a gradient of alkaline mine drainage. Oral presentation at the Society for Freshwater Science 2015 Annual Meeting, Milwaukee, WI.
- Voss, K.A., & Bernhardt, E.S. (2015, February). Turning a snapshot into a motion picture: Patterns in aquatic insect production along a gradient of alkaline mine drainage. Poster presentation at the Association for the Sciences of Limnology and Oceanography Aquatic Sciences Meeting, Granada, Spain.
- Voss, K.A., King, R.S., & Bernhardt, E.S. (2014, May). Hierarchical modeling: A flexible template for setting conductivity benchmarks in Appalachian stream. Oral presentation at the Joint Aquatic Sciences Meeting, Portland, OR.
- Voss, K.A., Lutz, B.D., & Bernhardt, E.S. (2013, May). Exploring the effects of chemical fragmentation on headwater community structure. Oral presentation at the Society for Freshwater Science 2013 Annual Meeting, Jacksonville, FL.
- Voss, K.A., King, R.S., & Bernhardt, E.S. (2013, February). Hierarchical modeling: A flexible template for setting conductivity benchmarks in Appalachian stream. Oral presentation at the Association for the Sciences of Limnology and Ocean Environmental Aquatic Sciences Meeting, New Orleans, LA.
- Voss, K.A., Jian, Y., Nojavan, F. & Reckhow, K.H. (2011, November). Modeling nitrogen budgets in swine CAFOs: A Bayesian network approach. Oral presentation at the American Water Resources Association Annual Water Resources Conference, Albuquerque, NM.
- Voss, K.A., Jian, Y., Nojavan, F. & Reckhow, K.H. (2011, November). Environmental impacts of swine concentrated animal feeding operations (CAFOs) on atmospheric and aquatic resources within North Carolina's Neuse River basin. Oral presentation at the American Water Resources Association Annual Water Resources Conference, Albuquerque, NM.
- Reckhow, K.H., & Voss, K.A. (2011, November). Environmental impacts of swine concentrated animal feeding operations (CAFOs) on atmospheric and aquatic resources within North Carolina's Neuse River basin. Oral presentation at the American Water Resources Association Annual Water Resources Conference, Albuquerque, NM.
- Jian, Y., Nojavan, F., Voss, K.A., & Reckhow, K.H. (2011, May). Modeling nitrogen budgets in swine CAFOs: A Bayesian network approach. Poster presentation at the North Carolina Water Resources Research Institute 13th Annual Conference, Raleigh, NC.
- Viswanathan, S., Voss, K.A., & Pohlman, A. (2009, August). Analysis of stressors affecting biological integrity in the San Diego hydrologic region. Paper presentation at the Eighth World Congress of Chemical Engineering, Montreal, QC.

Pohlman, A., & Voss, K.A. (2008, April). Evaluation of the biological integrity of stream in the San Diego hydrologic region. Poster presentation at the Second National University Student Scholarship Conference, La Jolla, CA.

Busse, L., Gibson, D., Pohlman, A., & Voss, K.A. (2008, May). Biotic integrity of streams in San Diego County since 1996. Paper presented at the Fourth Biennial Nonpoint Source Pollution Conference.

## **PUBLIC TALKS**

Voss, K.A. (2018, April). Dragonfly hunting: A window to our surroundings. Oral presentation at Third Annual Science Sunday at Regis University, Denver, CO.

Voss, K.A., & Loewy, K. (2018, March). Hudsonian emerald in Boulder County: Status and conservation of an uncommon dragonfly. Oral presentation at Boulder County Parks and Open Space Advisory Committee Meeting, Boulder, CO.

## **WORKSHOPS**

BioQUEST/QUBES Summer Workshop. (2020). Virtually Held. BLUE FMN. (2019). Denver, CO.

BioQUEST/QUBES Summer Workshop. (2018). Claremont, CA.

Dig Into Data FMN. (2018). Claremont, CA.

Course-based Undergraduate Research Experience Workshop. (2018). Denver, CO.

Heartland/Delta Faculty Conversations Conference. (2017). Omaha, NE.

Regis University Ignatian Summer Institute. (2017). Denver, CO.

Heartland/Delta Faculty Conversations Conference. (2016). Milwaukee, WI.

## **AWARDED FELLOWSHIPS & GRANTS**

Toral Becker, A. (PI), & Voss, K.A.(Faculty Sponsor). (2019). Use of restored vs. unrestored riparian corridors by mammals in Rio Mora National Wildlife Refuge. Awarded \$499 (Request = \$500) from Regis URSC.

Loewy, K.(Co-PI), Reading, R.(Co-PI), & Voss, K.A.(Co-PI). (2018). Hudsonian emerald (*Somatochlora hudsonica*, Hagen) plant and invertebrate associations in Boulder County. Awarded \$1,599 (Request = \$2,002) from Boulder County Naturalist Association.

Loewy, K. (Co-PI), Reading, R. (Co-PI), & Voss, K.A.(Co-PI). (2018). Hudsonian emerald (*Somatochlora hudsonica*, Hagen) plant and invertebrate associations in Boulder County. Awarded \$2,002 (Request = \$2,002) from Boulder County Parks & Open Space.

Voss, K.A. (2017). Regis University Sustainable Economic and Environmental Development (SEED) Fellowship. Awarded \$2,000.

Burke, T. (Co-PI), & Voss, K.A.(Co-PI). (2017). Investigating abiotic controls on *E. coli* dynamics in Denver, CO streams. Cooperative award of \$1,100 (Request = \$1,100) to purchase IDEXX Quanti-Tray for *E. coli* quantitation.

Burke, T. (PI), & Voss, K.A.(Faculty Sponsor). (2017). Investigating abiotic controls on *E. coli* dynamics in Denver, CO streams. Awarded \$497 (Request = \$497) from Regis URSC.

Voss, K.A.(PI) (2017). Habitat assessment for the Hudsonian emerald (*Somatochlora hudsonica*) in Boulder County Open Space. Awarded \$5,621 (Request = \$3,621) from Boulder County Parks and Open Space.

Voss, K.A.(Co-PI), Kleier, C.(Co-PI), & Sakulich, J.(Co-PI). (2016). Use of Kestrel data loggers in environmental science classrooms. Awarded \$1,490 (Request = \$1,490) from Regis University Teaching and Learning with Technology Microgrant.

Andrus, K. (PI), & Voss, K.A.(Faculty Sponsor). (2015). Assessing the risk of transmission of *Arcobacter butzleri* to rice via contaminated irrigation water. Awarded \$424 (Request = \$424) from Regis URSC.

Schrik, M. (PI), & Voss, K.A.(Faculty Sponsor). Sublethal effects of copper on an urban-dwelling damselfly (*Ischnura sp.*). Awarded \$364 (Request = \$364) from Regis URSC.

Voss, K.A.(PI). (2014). Bass Instructional Fellowship. Awarded \$5,000 from Duke University.

Voss, K.A.(PI). (2013). Preparing Future Faculty Fellowship.

Voss, K.A.(PI). (2012). EPA STAR Fellowship. Awarded \$126,000 from US EPA.

Voss, K.A.(PI). (2009). James B. Duke Fellowship. Awarded \$20,000 from Duke University.

Voss, K.A. (1995). NSF REU Fellowship.

**UNFUNDED  
FELLOWSHIPS  
& GRANTS**

Voss, K.A., & Burke, T.C. (2017). Ecological assessment of aquatic communities within the North Fork of the South Platte River at Pine Valley Ranch Park. Request to Jefferson County Open Space Small Research Grants Program. Request = \$3,608.

**STUDENT  
RESEARCH  
ADVISEES**

Alex Stacy (Regis Graduate Student). Examining the effects of beaver dam analogs on macroinvertebrate communities in Deer Creek, CO. January 2020 - May 2020.

Armando Toral Becker (Regis Graduate Student). Examining the effects of corridor restoration on mammal communities at the Rio Mora National Wildlife Refuge. August 2018 - May 2020.

Samantha Ortega (Regis Undergraduate Student co-advised with Amy Schreier). How is edge habitat defined? August 2019 - December 2020.

Jesse Rosso (Regis Undergraduate Student co-advised with Amy Schreier). Quantifying effects of fragmentation on primate populations via a meta-analytic approach. June 2018 - May 2019.

Chris Scott (Regis Graduate Student). Investigating plant and invertebrate associations of the Hudsonian emerald (*Somatochlora hudsonica*, Hagen) in Boulder County. June 2018 - May 2019.

Hunter Therron (Regis Undergraduate Student). Are dragonflies good indicators of environmental degradation? August 2017 - May 2018.

Tamara Burke (Regis Graduate Student). Investigating abiotic controls on *E. coli* dynamics in Denver, CO streams. January 2017 - May 2018.

Alyssa Herrin (Regis Graduate Student). Habitat suitability index for Hudsonian emerald in Boulder County. January 2017 - May 2018.

Kat Locquiao (Regis Undergraduate Student). Synthesizing macroinvertebrate multimetric indices across the United States. January 2017 - May 2017.

Kim Risos (Regis Undergraduate Student). Synthesizing macroinvertebrate multimetric indices across the United States. January 2017 - May 2017.

Andrew Pitluck (Regis Undergraduate Student). Habitat assessment for the Hudsonian emerald (*Somatochlora hudsonica*) in Boulder County Open Space. June 2016 - May 2018.

Ariel Wooldridge (Regis Graduate Student) How much is too much?: Synthesizing sublethal effects of pesticides on sensitive macroinvertebrates via a meta-regression approach. Fall 2015 - present.

Katrina Andrus (Regis Graduate Student). Irrigation water as a transmission route for internal colonization of (*Arcobacter butzleri*) in rice plants. Fall 2015 - Spring 2016.

Meghan Schrik (Regis Undergraduate Student). Sublethal toxicity of copper on an urban-dwelling damselfly (*Ischnura sp.*). Fall 2015 - Spring 2016

**EXTERNAL  
APPOINTMENTS**

Butterfly Pavilion Research Associate

2017 - present

**SOCIETY  
MEMBERSHIP**

Association for the Sciences of Limnology & Oceanography  
Ecological Society of America  
Entomological Society of America  
Society for Freshwater Science

<b>MANUSCRIPT &amp; GRANT REFEREE</b>	<p>Conservation Biology Ecological Applications Environmental Pollution French National Research Agency Freshwater Science Journal of the American Water Resources Association Journal of Cleaner Production Limnology &amp; Oceanography Northwest Fisheries Science Center Restoration Ecology Water Research</p>	
<b>UNIVERSITY &amp; PROFESSIONAL SERVICE</b>	<p>Integrative Core Instructor (RCC 410E) 2019 Regis College Faculty Handbook Committee 2017 - 2020 Regis University TriBeta Epsilon Xi Chapter Faculty Advisor 2017 - 2020 RCC200 / First-Year Experience Instructor 2017 - 2018 Society for Freshwater Science PUI ad hoc Committee 2016 - present Society for Freshwater Science Graduate Resources Committee 2016 - present <i>Silent Auction Coordinator</i> Duke Board of Trustees Graduate Student Representative 2011 - 2012 <i>Facilities &amp; Environment Committee</i> Duke Graduate &amp; Professional Student Council 2010 - 2012 Patrick Henry High School WASC Accreditation Coordinator 2007 - 2009</p>	
<b>TEACHING EXPERIENCE</b>	<p><b>Regis University, Denver, CO</b> <b>2015 - present</b> <i>Assistant Professor</i> 2016 - present BL428: Conservation Biology 2019 BL410: Aquatic Ecology 2019 BL651B: Environmental Biology Fieldwork II 2019 - present BL650A: Environmental Biology Colloquium Grant Writing 2018 BL650B: Environmental Biology Colloquium &amp; Project II 2018 BL662: Aquatic Ecology &amp; Bioassessment 2017 - present BL654: Advanced Ecology &amp; Modeling 2017 - 2019 BL657: Advanced Field Ecology Lab 2017 - 2019 BL651A: Introduction to Environmental Biology Fieldwork 2017 - present RCC200: Writing Analytically 2017 BL652: Environmental Biostatistics &amp; Research Design 2016 - 2019 BL402: Principles of Ecology 2016 ENVS650: Environmental Assessment &amp; Regulations 2016 ENVS251: Introduction to Environmental Science Lab 2016</p> <p><i>Visiting Assistant Professor</i> 2015 - 2016 BL662: Aquatic Ecology &amp; Bioassessment 2016 ENVS450: Environmental Impact Assessment 2016 ENVS650: Environmental Assessment &amp; Regulations 2016 BL263: Organismic Biology Laboratory 2015 BL652: Environmental Biostatistics &amp; Research Design 2015 BL654: Advanced Ecology &amp; Modeling 2015 ENVS250: Introduction to Environmental Science 2015 ENVS251: Introduction to Environmental Science Lab 2015</p> <p><b>Duke University, Durham, NC</b> <b>2009 - 2014</b> <i>Instructor</i> 2014 ENVIRON390S: Environmental &amp; Ecological Research: Study Design &amp; Data Analysis 2014</p> <p><i>Teaching Assistant</i> 2009 - 2012 ENVIRON298: River Processes 2012 ENVIRON234: Watershed Hydrology 2011 Math Refresher Course for DEL Program 2010 - 2011 ENVIRON236: Water Quality Management 2010 ENVIRON25: Introduction to Environmental Science and Policy 2009</p>	

<b>Patrick Henry High School, San Diego, CA</b>	<b>2002 - 2009</b>
<i>Teacher</i>	<i>2002 - 2009</i>
AP Environmental Science	2005 - 2007
AP Chemistry	2003 - 2009
Chemistry	2002 - 2009
Honors Chemistry	2002 - 2009
Physics	2002 - 2008
<b>Texas A&amp;M University, College Station, TX</b>	<b>1995 - 1996</b>
<i>Teaching Assistant</i>	<i>1995 - 1996</i>
CHEM101L: Fundamentals of Chemistry Laboratory I	1995 - 1996
<i>Supplemental Instruction Leader</i>	<i>1995 - 1996</i>
CHEM101L: Fundamentals of Chemistry I	1995
CHEM228: Organic Chemistry II	1996



**TEACHING  
CREDENTIALS**

**National University, La Jolla, CA**  
*Professional Clear Single Subject Teaching Credential  
in Chemistry & Physics*

**August 2002 - present**