

Curriculum Vitae

AMELIA JUNE GULLING

GreenPower Program Administrator, Desert Research Institute
Nevada System of Higher Education
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EDUCATION

Master's in Public Administration with a concentration in Non Profit Management
University of Las Vegas, Nevada: December 2013
Master's Thesis: "Spatial Health Indicator Analysis Data Collection UNLV Study"

Bachelor of Arts, Environmental Science: Advocacy & Leadership
Bachelor of Arts, English with an emphasis in Education
California State University, Chico: December 2008

EXPERIENCE

GreenPower Education and Outreach Administrator, Desert Research Institute (State-Wide)

Las Vegas, NV July 2012- present

- Supervise a staff of three to support the education and outreach efforts of DRI across the state of Nevada.
- Develop and manage the program's budget.
- Created and launched the Green Box program, which promotes STEM education through hands-on curriculum and materials to over 20,000 students annually and in over 400 schools.
- Manage teacher professional development trainings (minimum 8 a year) that reach over 500 teachers annually
- Work as the sole development officer for the program and have raised in grants, donations, and contracts over \$500,000 in the year 2015 and almost \$1.5 million to date(3 and half years)
- Managed development duties for the program
- Foster engagement between community organizations, private corporations, and local, state, and federal agencies.
- Engage DRI faculty and researchers on K-12 education and outreach.
- Foster and maintain partnerships between the State Education Department, Clark County School District, Washoe County Schools district and other school district administration
- Speak and/or present at local, state, and national events.
- Manage the marketing of the program via social media, paper media, and handout materials.

Program Director, GREEN Community Schools, Las Vegas (MGR Foundation)

Las Vegas, NV August 2011- March 2012 Due to the organization's closer*

- Partnered with Clark County School District (CCSD) to integrate environmental education, create student leadership opportunities, collect resources, bring in community partners, and create facility enhancements.

- Create pilot educational programs that were adopted across Clark County Schools Districts.
- Work in collaboration with the City of Las Vegas in creating educational opportunities for K-12 students and educators.

Sustainability Coordinator (Previously Project Liaison), University California, Santa Cruz

Santa Cruz, Ca January 2009-September 2011

- Create a web-based tracking system for the Campus Sustainability Plan
- Worked as the main lead to compose the Campus Sustainability Plan (CSP) with a diverse group of stakeholders (students, faculty, staff, administration, community partners)
- Project Manager on the creation of the campus wide sustainability web site
- Creation of the Sustainability Project Clearinghouse 1.0
- Create Program Recognizing Offices Practicing Sustainability (PROPS)
- Managed energy efficiency projects with staff while providing internship opportunities for students

Partner/Consultant, Climate for Change Consulting (Salazar Climate Consulting)

Chico, Ca, January 2007- January 2010

- Conduct greenhouse gas inventories and climate action plans
 - City of Chico, 2008
 - Fort Bragg Action Plan, 2008
 - Coastal Community College District, Coastline Community College, Golden West College, Orange Coast College, 2009
- Collect, input, analyze, and benchmark data using various carbon calculators
- Write final GHG emission report and findings.
- Host seminars and workshops.

Director, Chico Green Campus Program (Alliance to Save Energy)

Chico, Ca August 2006 – January 2009

- Develop projects for, advise, and managed four staff and ten to fifteen interns.
- Develop energy efficiency projects: set goals, objectives, contacts, and metrics for success
- Trained in energy audits, data collection, and analysis.
- Frequent weekly and monthly meetings with head stakeholders and collaborative groups
- Organized and hosted various speakers, seminars, webinars, events, and conferences.
- Spoke and attended various Sustainability conferences

The Institute for Sustainable Development: (SCOOP)

Chico, Ca May 2008 – September 2008

- Was the co-creator of SCOOP (Sustainable Consultation Of Office Practices)
- Worked closely in collaboration with four other environmental student organizations.
- Created an audit tool to assess sustainable office practices, including a large energy audit portion
- Worked independently with limited supervision while managing student interns.

Chico City Council; Appointed Sustainability Taskforce Member

Chico, Ca September 2007 – December 2008

- Research, assist, and advise City Council on methods to integrate sustainable practices.
- Supported City Council to develop strategies and effective climate action plans.

- Work with municipal staff, city managers, and elected officials.
- Participated in the final development of Chico's 2030 Planning.

TEACHING EXPERIENCE

2010. Action Research Teams- Energy and Sustainability Audit Teach Lab, California University Santa Cruz

ADVANCED TRAINING

SLED Regional Education Outlook Webinar, 2016
 Southern Nevada Science Teacher Association Conference, 2016
 Mastering Media Relations and other important communication skills training, PowerMark Publishing 2016
 Southern Nevada Science Teacher Association Conference, 2015
 Nevada Science Teacher Association Conference, 2014
 Southern Nevada Science Teacher Association Conference, 2014
 Southern Nevada Science Teacher Association Conference, 2013
 Strategic Grant Writing Seminar, UNLV, 2013
 Visions: Next Generation Science Standards Workshops, Clark County School District Science Department, 2013
 Strategic Program Planning and Evaluation, 2012
 Group Facilitator Workshop, 2011
 Sustainability Officers Workshop, 2010,2011,2012,2013
 Ecology of Leadership, 2011
 Energy Audit, Alliance to Save Energy, 2009
 Energy Audit, Small-Medium Commercial, Delry, 2008

MEMBERSHIPS

Leadership Las Vegas Alumni Community Warrior Committee (2016-current)
 Leadership Las Vegas Class of 2015, selected position from the Las Vegas Chamber of Commerce (201-16)
 Governor's Workforce Investment Board, Clean Energy, Elected Board position (2013- 2016)
 Raggio Research Center on STEM, UNR, Elected Board position (2013- current)
 Southern Nevada Regional Planning Committee- Sustainability Working Group Member (2011-2014)
 Southern Nevada Young Nonprofit Professionals Network, Member (2012-current)
 Green Chips, Elected Board position (2013- current)
 United States Green Building Council, Nevada Chapter, Education, Green Schools (2012-2015)
 Nevada Science Teacher Association, Member (2012-current)
 Southern Nevada Science Teacher Association, Member (2012- current)
 National Science Teacher Association, Member (2011- current)

SERVICE

Mentoring and Education:

CSU, Chico: Worked with undergraduate and graduate students on collecting data for the Greenhouse Gas Inventory for the City of Chico and for CSU, Chico (2007-2009).

UC, Santa Cruz: Supervised 12-20 undergraduate and graduate students on various campus projects including, Energy Audits (PROPS for Slugs), Green Campus Program/PowerSave, Waste Audits and Recycling (2009-2011).

UC, Santa Cruz: Worked with a variety of undergraduate and graduate students collecting data for the UC Santa Cruz Campus Sustainability Plan (2009-2011).

Public Outreach

2016. Locals Recognized in Sustainability Efforts At Leadership Awards. This Is Reno.

<http://thisisreno.com/2016/02/locals-recognized-in-sustainability-efforts-at-leadership-awards/>

2014. ACE partners with GreenPower for 2nd annual teacher workshop. <https://acespace.org/blog/ace-partners-greenpower-2nd-annual-teacher-workshop>

2013. GreenPower Program Engages Students with Hydroponics in a Box. Technology.org

<http://www.technology.org/2013/07/05/greenpower-program-engages-students-with-hydroponics-in-a-box/>

2013. Las Vegas Business Press honors the area's most eco-friendly companies. Review Journal.

<http://www.reviewjournal.com/business/energy/las-vegas-business-press-honors-areas-most-eco-friendly-companies>

2013. Taking learning beyond the textbook. KSNV NBC 3

<https://www.youtube.com/watch?v=L3X-pJrJFjU>

2013. Going Green with the DRI GreenPower Program Teacher Training Workshop. KLAS 8 News Now.

<https://www.youtube.com/watch?v=75d3fvFKgeM>

2013. Chanel 3 Interview about Green Boxes. <https://www.youtube.com/watch?v=Gz3iXyynnkWI>

2013. Desert Research Institute's Amelia Gulling Honored As One of Vegas Inc.'s 2013 'Women to Watch'.

<http://thisisreno.com/2013/02/desert-research-institutes-amelia-gulling-honored-as-one-of-vegas-inc-s-2013-women-to-watch/>

2013. NV Energy, DRI renew long term K-12 outreach program. Nevada Appeal.

<http://www.nevadaappeal.com/news/obituaries/7525319-113/energy-nevada-greenpower-program>

2013. Vegas Women to Watch. Vegas, Inc. <http://www.ifoldsflip.com/i/105502-january-28-2013/3>

2013. Announcements. LV Chamber Voice.

<https://www.lvchamber.com/sites/default/files/publication/business-voice-july-2013.pdf>

2013. Newsmakers. Las Vegas Review Journal. <http://www.reviewjournal.com/view/newsmakers-july-2-8>

2012. Girl Power. NewsReview Chico. https://issuu.com/news_review/docs/r-2012-12-27/10

2011. Top Ten: America's Coolest Schools. Sierra Magazine.
http://vault.sierraclub.org/sierra/201109/cool_schools/top10/slide7.aspx

2011. UC Santa Cruz office honored for sustainable green habits. Santa Cruz Sentinel.
<http://www.santacruzsentinel.com/article/ZZ/20110801/NEWS/110808152>

2008. Campus group wins collegiate award for saving energy. ChicoER News.
<http://www.chicoer.com/20080501/campus-group-wins-collegiate-award-for-saving-energy>

2008. InnerView: Amelia Gulling's calling began with Santa Cruz awareness. ChicoER News.
<http://www.chicoer.com/20080311/innerview-amelia-gullings-calling-began-with-santa-cruz-awareness>

2008. Student Finds Transportation Biggest Contributor to Greenhouse Gases. ChicoER.
<http://www.chicoer.com/article/zz/20080828/NEWS/808289767>

2007. Take the Challenge. NewsReview. <https://www.newsreview.com/chico/take-the-challenge/content?oid=481517>

2007. Green Campus Keeps Going and Going. . . Chico News & Review
<https://www.newsreview.com/chico/green-campus-keeps-going-and/content?oid=321144>

AWARDS AND HONORS

Certificate of Appreciation, Clark County School Board 2016

Certificate of Appreciation, Southern Nevada Science Teacher Association 2016

Outstanding Excellence, National Association of Professional Women 2014-2015

Community Warrior Award, Las Vegas Leadership 2014

LEEDership Award, USGBC 2013

Women to Watch award in 2013, Vegas Inc. 2013

Friend of Science award from the Southern Nevada Science Teacher Association 2013

Received Accommodations from Senator Reid for my work with USGBC, DRI, Science and Tech Festival, Leadership Las Vegas, and SNSTA (2012-16)

Golden Pinecone Award, from environmental education 2013

Best Green Nonprofit award in Southern Nevada, Business Press 2013

Most Amazing Individual Award, USGBC 2012

Best Practices Award; Student Retrofit Project. UC/CSU/CCC 2011

Acterra Bay Area Business Award in Pollution Prevention/Resource Conservation for a Large Organization for waste prevention, green transportation, and energy efficiency program. 2010

Rising Star Award, CSU System. 2008

Best Practice Award in Student Energy Efficiency; UC/CSU/CCC 2007,2008

Top Green Campus Director; 2008

First Place, Student Program. CSU Facilities Management Conference 2008.
High Recognition in Achievement; CSU Facilities Conference 2007
Recognized by Energy Star® for Energy Efficiency Project; 2006

RESEARCH GRANTS, CONTRACTS, & GIFTS

2016. PI. Nevada Space Grant. Expanding Oceanography and Astrobiology Green Boxes for NV Schools. \$19,879.00

2016. PI. Sponsorships, Gifts and Donations to date. \$128,039.09

2015-2016. Subcontract. Nevada Department of Education. Carson City School District Green Box Development. \$28,000

2015-2016. PI. Division of Hydrologic Sciences, DRI. Maki Water Green Box \$21,372

2015-2016. PI. Nevada Space Grant. Developing an Oceanography Green Box for Nevada's schools. \$9,986

2015-2016. Co-PI. DOI. US Geological Survey. NIWR 104 FY15 Water Research Institutes. \$166,599 (\$18,730 for GreenPower)

2015-2016. Subcontract. United Way of Northern Nevada. Literacy STEM Green Boxes. \$24,429.53 (\$60,666.68 total for three years)

2015. PI. Sponsorships, Gifts and Donations. \$421,557.95

2014-2015. Subcontract. Nevada Space Grant. Astrobiology Green Box for NV Schools. \$9,986

2014. Co-PI. EPSCoR Nexus Green Box Development. \$15,000

2014. PI. Sponsorships, Gifts and Donations. \$193,132.70

2013. PI. Sponsorships, Gifts and Donations. \$213,031.91

2012. PI. Davidson Environmental Education Grant. \$22,000

PUBLICATIONS

Gulling, Amelia; Greer, Jeff; and Stewart, Tom, "Spatial Health Indicator Analysis Data Collection UNLV Study" (2013). UNLV Theses, Dissertations, Professional Papers, and Capstones. Paper 2048.

UCSC Office of Sustainability, "Campus Sustainability Plan 1.5: A Pathway for Success 2010-2013"
Retrieved at <http://sustainability.ucsc.edu/governance/files/campus-sust-plan-1-5-full-ver.pdf>

Gulling, Amelia; Daniel Salazar "Coast Community College District Greenhouse Gas Inventory" 2009.
Retrieved from Coast Community College
<http://www2.cccd.edu/facultystaff/riskservices/docs/GHG%20Inventory%20Report%20June%202009.PDF>

Stemen, Mark; Salazar, Daniel "City of Chico Community and Municipal: Greenhouse Gas & Criteria Air Pollutant Emissions Inventory". 2008. Retrieved from City of Chico.

<https://wattsupwiththat.files.wordpress.com/2008/11/cic-sustainability-090208.pdf>

Selected Conferences:

2016. **DRI's GreenPower Educational Programs.** Las Vegas Wash Coordination Committee. Las Vegas, NV.

2016. **Exploring DRI GreenPower's FREE lesson and resources- bring the Green Box to your classroom.** Southern Nevada's Annual Science Conference. Las Vegas, NV.

2015. **DRI and the Diversity along the STEM pipeline.** Authored. Nevada System of Higher Education Diversity Summit. Las Vegas Nevada.

2015. **Collaboration and successful programs.** Panel Discussion. USGBC Breakfast Presentation. Las Vegas, NV.

2015. **High-Impact STEM education: What we can learn from the DRI GreenPower Program.** Contributor Poster Presentation. Ecological Society of America Conference. Baltimore, MD.

2014. **GreenPower's Hands-On, Inquiry Based Green Boxes.** Southern Nevada Science Teacher Association Conference. Las Vegas, NV.

2014. **Solar Education in Southern Nevada.** Solar NV Member Presentation. <http://solarnv.org/page/6/> Las Vegas, NV.

2014. **What Does a Global Community Look Like?** Cholla Symposium. Las Vegas, NV.

2013. **Climate Change Across the Curriculum.** National Science Teacher Association STEM Forum and Expo. St. Louis, Missouri.

2013. **STEM Stars: Community Collaboration.** National Science Teacher Association STEM Forum and Expo. St. Louis, Missouri.

2013. **EnergySmart Education Green Boxes.** Southern Nevada Annual Mathematics and Science Conference. Las Vegas, NV.

2013. **Energy Education.** Panel Discussion. USGBC Breakfast Presentation. Las Vegas, NV.

2012. **DRI. Education and Outreach.** Clark County School District Board Presentation. Las Vegas, NV.

2011. **UC, Santa Cruz: Sustainability Project Clearinghouse 1.0.** Association for the Advancement of Sustainability in High Education Conference. Pittsburgh, PA.

2011. **Institutionalizing Sustainability and Climate Action.** 10th Sustainability Conference California Higher Education. Long Beach, Ca.

2010. **Highlighting The Green Campus Internship in Your Job Search.** Alliance to Save Energy Green Campus Energy Efficiency Summit.

2008. **Student Involvement in Environmental Activism.** Public Interest Environmental Law Conference. Eugene, Or.

2008. **Best Practices: CSU, Chico- Green Campus Program.** UC/CSU/CCC Sustainability Conference. San Luis Obispo, Ca.

2008. **Create Tomorrow Together.** California State University Facilities Management Conference. Sacramento, Ca.

2008. **How to Conduct an Energy Tour.** This Way to Sustainability Conference. Chico, Ca.

2008. **Integrate Energy Efficiency Education into the Classroom.** This Way to Sustainability Conference. Chico, Ca.

2008. **Campus Energy Tour.** This Way To Sustainability Conference. Chico, Ca.

2007. **Award Winning and Money Generating Student Programs- Best Practice.** This Way to Sustainability Conference. Chico, Ca.

2007. **Student Led Initiatives to Save Energy.** This Way to Sustainability Conference. Chico, Ca.

2007. **Chico & Humboldt State Green Campus Interns: How to Conduct an Energy Audit.** This Way to Sustainability. Chico, Ca

2007. **CSU, Chico's Sustainability House Tour.** This Way To Sustainability. Chico, Ca

2007. **Environmental Advocacy and Action at CSU, Chico.** Public Interest Las Conference. Eugene, Oregon.

2006. **Implementing Energy Efficiency on College Campuses.** This Way to Sustainability Conference. Chico, Ca.