Sharon D. Kenny



Profile www.linkedin.com/in/sharondkenny

Skype / Email: sharon.d.kenny@gmail.com

Phone +1 215 200 5159

Gender Female

Date of birth 29 January 1971

Place of birth Puerto Rico, USA

Address 9 Montgomery Ave. Bala Cynwyd

Pennsylvania 19004

Education

M.S. Civil Engineering

**University of Colorado**, 2003 – GPA: 3.46/4.00

M.S. Geological Sciences

**University of Florida**, 2001 – GPA: 3.44/4.00

Thesis: Petrology and Geochemistry of the Mid-Cayman Rise

B.S. Geology (magna cum laude)

**University of Puerto Rico**, 1997 – GPA: 3.41/4.00

Honors Thesis: Determination of H2O Bubble Nucleation and Growth in Rhyolitic Glass

Certifications and Clearances

U.S. Security Clearance since 2011

Certified Hazardous Materials Manager (**CHMM**) from 2006 to 2016

Project Management Professional (**PMP**) since 2005

Languages

**English** – Native language

**Spanish** – Native language

**Norwegian** – Learning basic skills

Professional Experience

2016 – Present

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) – Pennsylvania, USA

**GIS Analyst and Training Coordinator**, Environmental Assessment and Innovation Division

♦Apply statistical analysis to field and remote sensing data using geospatial tools

♦ Conduct data mining to develop databases, perform spatial analysis, and create maps

♦ Provide support to more than one hundred users of Esri’s GIS desktop and online products within Region III, while teaching four courses per week (i.e., Model Builder, ArcGIS Pro, Remote Sensing, and Python 101)

♦ Co-Lead the EPA National Python Community of Service group, and manage its GitHub platform

♦ Member of EPA’s Digital Analytics Pilot project with Jupyter Notebooks

Sharon D. Kenny

page 2

Professional Experience (cont.)

2012 – 2015

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) – Pennsylvania, USA

**Project Manager (RPM)**, Land and Chemicals Division

♦ Directed hazardous waste removal activities for various industrial sites, including the U.S. Naval Research Laboratory in Washington DC, and the Lockheed Martin Corporation - Middle River Complex in Maryland

♦ Evaluated and approved risk assessments, feasibility studies, construction designs, and work plans

♦ Negotiated with corporate, governmental, and community stakeholders, providing resolution while maintaining effective relationships

♦ Represented the Office of Materials Management (OMM) as Acting Associate Director in formal engagements and management meetings, reviewing and approving communications and requests

**Awards:** Recipient of a Superior Accomplishment Recognition Award (2015) and a Bronze Medal for Commendable Service (2015) for expediting and overseeing the removal of over 180 kg of PCBs from 4 000 m2 of submerged sediments, a large ongoing source of PCB contamination to the Chesapeake Bay

2007 – 2011

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) – Pennsylvania, USA

**Team Leader**

♦ Directed the Pollution Prevention (P2) and the National Partnerships for Environmental Priorities (NPEP) programs, national initiatives seeking voluntary reductions of toxic materials

♦ Provided advice and assistance to the Associate Director of OMM regarding financial matters, including funding and operational aspects of grants and federal contracts that totaled over $750 000 per year

♦ Trained federal and state employees to provide environmental compliance assistance to manufacturing facilities in the steel, electronics, and energy sectors

♦ Speaker at various national conferences, including the 2012 USA Science & Engineering Festival in Washington DC, and the Engineers without Borders (EWB) Northeast Conference

**Awards:** Recipient of a Bronze Medal for Commendable Service (2011) for convening a nationally attended conference that facilitated the removal and disposal of 200 000 kg of PCBs; Recipient of a National Notable Achievement Award (2009) for leading a School Chemical Cleanup Campaign pilot project that removed 2 500 kg of hazardous chemicals from 10 schools in PA

2004 – 2007

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) – Pennsylvania, USA

**Environmental Engineer**

♦ Performed engineering and economic assessments for manufacturing facilities interested in adapting European Union directives such as the Restriction of Hazardous Substances (RoHS)

**Awards:** Received National Notable Achievement Award (2007) for assisting over 70 corporations to surpass regulatory requirements while saving over $42 million in annual operating costs; Received EPA Award for Excellence (2006) for participating in restoration activities at disaster areas impacted by Hurricane Katrina

2004

PROJECT RESOURCES INC – Colorado, USA

**Environmental Specialist**

♦ Directed contractors on removal and remediation activities, conducted environmental site assessments, and assisted in accounting and bookkeeping for two government contracts

2003 – 2004

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) – Colorado, USA

**Environmental Engineer**

♦ Analyzed over 600 permit records for enhanced recovery of oil and natural gas to determine compliance with the Underground Injection Control (UIC) Program

Sharon D. Kenny

page 3

Professional Experience (cont.)

2000 – 2003

UNIVERSITY OF COLORADO AT BOULDER – Colorado, USA

**Engineer in-resident & Instructor**

♦ Co-managed the Summer Multicultural Access to Research Training (SMART) Program, supervising 18 intern undergraduate students participating in the program

♦ Designed, built, and implemented hands-on technology for the Integrated Teaching and Learning Lab (ITLL)

1998 – 2000

UNIVERSITY OF FLORIDA (UFL) – Florida, USA

**Teaching and Research Assistant**

♦ Prepared and lead undergraduate lectures and labs for courses such as Oceanography and Igneous Petrology

**Award:** Recipient of the Ernst Teaching Award of the Department of Geology at the University of Florida

Affiliations

Association of Polar Early Career Scientists (**APECS**)

Interstate Technology & Regulatory Council (**ITRC**) Contaminated Sediments – Remediation Group

American Society of Civil Engineers (**ASCE**)

Elected Official for the Younger Member Forum, 2006-2007

Society of Women Engineers (**SWE**)

Elected Greater Philadelphia Section Representative, 2005-2006

Selected Publications

M. Helferty, and S.D. Pérez-Suárez. [GreenPharma: a Partnership for Sustainable Manufacturing in the Mid-Atlantic](https://aiche.confex.com/aiche/2008/techprogram/P139561.HTM). American Institute of Chemical Engineers (AIChE) Annual Meeting, 2008

S.D. Pérez-Suárez. [Petrology and geochemistry of the Mid-Cayman Rise: an end-member for the lower crust of a mid-ocean ridge](http://agris.fao.org/agris-search/search.do?recordID=US201300077541). University of Florida, Gainesville, Florida, 123 pp., 2001

S.D. Pérez-Suárez, J.J. Bates, and S Bates. [Studies of the variability of upper tropospheric humidity and clouds over space and time using geostationary data](http://opensky.ucar.edu/islandora/object/manuscripts:792). National Center for Atmospheric Research (NCAR) & National Oceanic and Atmospheric Administration (NOAA), 2000

S.D. Pérez-Suárez, A.J. Krueger, and S. Schaefer. [A Study of Volcanic Excess Sulfur Using NASA’s Total Ozone Mapping Spectrometer (TOMS) Sulfur Dioxide Data](http://nldr.library.ucar.edu/repository/assets/soars/SOARS-000-000-000-295.pdf). American Geophysical Union (AGU), Fall Meeting EOS Transactions 80(46), p. F1188, 1999

S.D. Pérez-Suárez, and S. Doney. [Tritium Concentrations in Precipitation](http://opensky.ucar.edu/islandora/object/manuscripts:726): Relaxation to the Natural Background. American Geophysical Union (AGU), Fall Meeting EOS Transactions 79(45), p. F496, 1998

S.D. Pérez-Suárez, R. DeConto, B. Otto-Bliesner, and E. Brady. [Analysis of an OGCM Simulation of the Campanian (80 Ma)](https://opensky.ucar.edu/islandora/object/manuscripts%3A772): Comparisons to Proxies for Ocean Temperature from the Geologic Record. American Geophysical Union (AGU), Fall Meeting EOS Transactions 78(46), p. F372, 1997

Extracurricular Activities

I love to ski, play tennis, and go backpacking with my husband, 9-year-old daughter, and our dog, Remi. I am a member of the EPA’s Emergency Response Support Corps, a charter member of the U.S. Department of Defense National Language Service Corps for Spanish, and I am currently learning regular expressions.