

Daphne LaPointe

Summary of Work 1980-2013

As of the end of 2013, DD has worked at NBMG for 33 years (15 years full time, and 18 years part time).

From 1981 until 1991 at NBMG, she compiled mining district and prospect data into the USGS mineral resource evaluation project (MRDS) database. The data entered provided the basis for many NBMG publications including mineral resource evaluations of Nellis Air Force base and Yucca Mountain, and Mineral Resources of Elko County, NBMG Bulletin 106, as well as many of the mineral deposit reports of various map sheets across the state. Following this, she worked with other Bureau staff for several years on the assessment of radon potential in the state culminating in the publication of NBMG Bulletin 108, Radon in Nevada.

She also served as Mackay Scholarship chair for about fifteen years from 1996 until 2011 working with other Mackay faculty members and staff to coordinate the annual distribution of scholarships to Mackay students and maintaining contacts with Mackay scholarship donors. She continues to serve Mackay students by helping to coordinate privately endowed scholarship programs of Geological Society of Nevada Foundation and WAAIME.

From 2006-2008 DD worked on the carbon dioxide sequestration project with other NBMG faculty and staff resulting in the publication of several NBMG reports on the potential for carbon dioxide sequestration in rocks in Nevada.

For the past 6 years she has worked with the State Hazard Mitigation Officer in Carson City through two three-year cycles to plan and execute revisions to the State Hazard Mitigation Plan.

For several years, 2006-2013, DD has served as editor of Nevada Bureau of Mines and Geology publications, managing the review process and working with the authors, reviewers, and cartographers to expedite the review process of numerous geologic maps and reports, guidebooks, special publications, and accompanying texts and miscellaneous publications of the Nevada Bureau of Mines and Geology.

She has carried on geological education and outreach activities to K-12 teachers and students over all the years she has been at NBMG, whether part of her grant-supported, state-supported, or volunteer work. Part of this has been in conjunction with the Nevada Earth and Space Science Institute at the College of Education, and part at semi-annual workshops sponsored by the Nevada Mining Association. This work has resulted in her teaching 2-3 University graduate courses per year in the College of Education and College of Extended Studies for existing and pre-service teachers. She has also helped lead many of the field trips associated with those courses that were a major part of the instructional content for the courses.

For the past fifteen years, she has helped organize and co-lead public Earth Science Week field trips in October with NBMG director and geologist Jon Price, and with him and others, has co-authored field trip road logs for each of these trips (in publications list).

Major publications

Castor, S.B., and LaPointe, D.D., 2001, **Rocks, gemstones, minerals, and fossils in Nevada**: Nevada Bureau of Mines and Geology Special Publication 29, map and text on plate.

Castor, S.B., Garside, L.J., Tingley, J.V., LaPointe, D.D., Desilets, M.O., Hsu, L.C., Goldstrand, P.M., Lugaski, T.P., and Ross, H.P., 1999, **Assessment of metallic and mined energy resources in the Yucca Mountain conceptual controlled area, Nye County, Nevada**: NBMG Open-File Report 99-13, 204 p., plus appendices (264 p.), and 10 plates.

Christensen, L.G., Johnson, G.L., LaPointe, D.D., Rigby, J.G., and Price, J.G., 1995, **Distribution of indoor radon measurements in Carson City, Washoe, Storey, Lyon, and Douglas Counties, Nevada**: Nevada Bureau of Mines and Geology Open-File Report 95-1, 1 plate, 1:100,000.

LaPointe, D.D., Tingley, J.V., and Jones, R.B., 1991, **Mineral resources of Elko County, Nevada**: Nevada Bureau of Mines and Geology Bulletin 106, 236 p., 1:250,000.

Price, J.G., Rigby, J.G., Christensen, L.G., Hess, R.H., LaPointe, D.D., Ramelli, A.R., Desilets, M.O., Hopper, R.D., Kluesner, R., and Marshall, S., 1994, **Radon in outdoor air in Nevada**: Health Physics, v. 66, no. 4, p. 433-438.

Rigby, J.G., and LaPointe, D.D., 1993, **Wind and barometric pressure effects on radon in two mitigated houses**: The 1993 International Radon Conference Proceedings, Denver, Colo., p. VI 61-68.

Rigby, J.G., Price, J.G., Christensen, L.G., LaPointe, D.D., Ramelli, A.R., Desilets, M.O., Hess, R.H., and Marshall, S.R., 1994, **Radon in Nevada**: Nevada Bureau of Mines and Geology Bulletin 108, 76 p.

Shevenell, L., Connors, K.A., Henry, C.D., Lechler, P., Price, J.G., Desilets, M., and LaPointe, D.D., 1998, **Chemical characteristics of past or existing pit lakes at precious metal mines in Nevada**, Mine Design: Operations and Closure Conference Proceedings, Polson, Montana, 17 p.

Tingley, J.V., Castor, S.B., Garside, L.J., and LaPointe, D.D., 1998, **Mineral and energy resource assessment of the Carson City urban interface area, Carson City, Nevada**: Nevada Bureau of Mines and Geology Open-File Report 98-5, 136 p.

Tingley, J.V., Castor, S.B., Garside, L.J., and LaPointe, D.D., 1999, **Mineral and energy resource assessment of the Washoe County Open Space Plan Amendment Area, Washoe County, Nevada**: Nevada Bureau of Mines and Geology Open-File Report 99-2, 382 p.

Tingley, J.V., Castor, S.B., Weiss, S.I., Garside, L.J., Price, J.G., LaPointe, D.D., Bonham, H.F. Jr., and Lugaski, T.P., 1997, **Mineral and energy resource assessment of the Nellis Air Force Range, Clark, Lincoln, and Nye Counties, Nevada**: Final Report to U.S. Air Force Air Combat Command, Nellis Air Force Base, Nevada and U. S. Army Corps of Engineers Fort Worth District Planning Division, Fort Worth, Texas, 2 vols., 416 p. + appendices (353 p.).

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Tingley, J.V., Castor, S.B., Weiss, S.I., Garside, L.J., Price, J.G., LaPointe, D.D., Bonham, H.F., Jr., and Lugaski, T.P., 1998, **Mineral and energy resource assessment of the Nellis Air Force Range, Clark, Lincoln, and Nye Counties, Nevada**: Nevada Bureau of Mines and Geology Open-File Report 98-1, 2 vols., 800 p.

The following NBMG Educational Series of field trip guides were co-authored by Jonathan Price, Daphne LaPointe and other co-authors:

E28 -1998 [Ancient Lakes and Volcanoes near Fallon](#)

E33 – 1999 [Turbulent Times in the Truckee Meadows](#)

E34 -1999 [What's Shakin' in the Neighborhood?](#)

E37 – 2000 [Geology along America's Loneliest Highway](#)

E38 – 2000 [Exploring East of the Summit](#)

E39 – 2001 [Peavine Peak - Geology, Plants, and Mining History](#)

E40 – 2001 [Fossils and Ancient Lakes](#)

E41 – 2002 [In Search of the Right Tuff](#)

E42 – 2003 [Get Out, Stay Out, and Stay Alive!](#)

E43 – 2004 [The Frenchman Lake Frolic](#)

E44 – 2005 [The Great Highway 50 Rock Tour](#)

E45 – 2006 [Rockin' Along the River](#)

E46 – 2007 [Taking the Pulse of the Earth](#)

E47 – 2008 [No Child Left Inside](#)

E48 – 2009 [Digging Deeper into the Comstock](#)

E50 – 2010 [In Search of Tufa, Tuff, and Tough Rocks](#)

E51 – 2011 [Life's a Beach: Ancient Lakes and Volcanoes in the Grimes Point and Lahontan Mountains Area](#)

E52 – 2012 [Tuff All Over: Exploring Faulted Volcanic Terrain in the Painted Hills, Virginia Mountains, West of Pyramid Lake](#)

E53 -2013 [Mapping the Geology around the Desert Research Institute and Truckee Meadows Community College](#)