



Utah Academy of Sciences, Arts & Letters

Fall Award Night

November 9th, 2018

Brigham Young University

Awards Program

President’s Welcome. H. Laine Berghout

Recognition of Retiring & Incoming Officers

Musical Number Mountain Strings

Director: Mark Geslison

Musicians: Laura Waters, Aubrey Nielson, Paige Nicholson,
Brielle Petrie, Isaac Geslison, Sam Higbee, Jake Goehring

“Suzy” (Caravan Palace. 2008; arr. Mark Geslison)

“Cumberland Gap”

(Traditional Appalachian Folk Song, 1924; arr. Mountain Strings)

“When God Dips His Pen of Love in My Heart”

(Clean at Derricks, 1994; arr. Allison Krause)

“Take Me Home, Country Roads”

(Bill Dan off, Taffy Invert, John Denver. 1971; arr. Mountain Strings)

“Orange Blossom Special”

(Ervin T. Rouse, 1939; arr. Mark Ellison)

Presentation of Best Paper Awards. Rachel Keller
And Division Chairs

Presentation of Academy Fellow. Jean-Francois Van Huele

Recipients: R. Steve Turley – Brigham Young University

**Recipient: Deon S. Turley – Utah Academy of Sciences, Arts, &
Letters**

Presentation of Honorary Member. Keith Lawrence

Recipient: Brian Kershisnik - Artist

Keynote Address. Brian Kershisnik
Artist

**Utah Academy of Sciences, Arts & Letters
Outstanding Paper Awards 2018**

Business

“How Early Profitability Index Can Predict Bank Failure: Evidence from U.S. Bank Failure during 2008-2010”
Abdus Samad - Ph.D., Professor of Economics, Department of Finance and Economics - Utah Valley
University

Education

“The State of Educator Ethics Laws in the United States”
Shirley Dawson – Weber State University
Dr. Bonnie Hofland – Weber State University
Marjorie Lynes – University of Utah
Mr. Richard Squire – Snow College

Engineering

“Creating a Phase Change Thermal Energy Measurement System”
Daniel C. Ulrich – Southern Utah University
Ben C. Thrift – Southern Utah University
Ali Siahpush Ph. D. – Southern Utah University

Exercise Science & Outdoor Education

“Gender Differences in the Role of Acculturation, Self-Regulation, and Self-Esteem in Alcohol Consumption
among Asian American Adults”
Yan Huang, PhD, Assistant Professor – Weber State University

Letters: Language & Literature

“Mark Twain’s Geographic Imagination in *Life on the Mississippi*”
Todd Goddard – Utah Valley University

Physical Sciences

“Probing the Particle-Wave Duality with the Stern-Gerlach Effect”

Richard Barney – Brigham Young University

Jean-Francois S. Van Huele – Brigham Young University

Social Science

“Demography and Information Technology Affect Religious Commitment among Latter-day Saints in Utah and the Intermountain West”

Rick Phillips – University of North Florida

Dr. R. Steve Turley and Deon Turley, Academy Fellow

R. Steven Turley is a professor of physics at Brigham Young University, where he has also served as a Department Chair, an Associate Dean, and Co-Chair of the BYU Faculty Advisement Committee. He is currently serving as a temporary Program Director at the National Science Foundation. He received his BS in physics from Brigham Young University, Suma Cum Laude and with Highest Honors. He received a PhD in Physics from the Massachusetts Institute of Technology in physics where he was a Howard Hughes Doctoral Fellow. Before coming to BYU, Steve worked as a Senior Member of the Technical Staff at Hughes Research Labs. His current research is in extreme ultraviolet optics. He has authored 73 refereed journal articles, four book chapters, and holds one patent. Seventeen of his publications have been in the Journal of the Utah Academy of Sciences, Arts and Letters. Twenty-two of his 108 presentations, including his first as an undergraduate student were at Utah Academy meetings. He is a Fellow of the American Association of Physics Teachers and received the Karl G. Maeser General Education Professorship and Alcuin Fellowship from Brigham Young University. He has been on the board of the Utah Academy since 2001, serving as President, Chair of the Division of Physical Sciences, Webmaster, and Poster Session Chair. He has also served as an Associate Affiliate Directory of the Utah Space Grant Consortium, Treasurer of the American Association of Physics Teachers, Co-PI of the national Physics New Faculty Workshop, and on the Education Committee of the American Association of Physics Teachers. Bio

Deon S. Turley

Deon served as secretary to the Utah Academy of Sciences, Arts, and Letters during the years that Steve Turley served as its president, 2005-2008.

Deon graduated from BYU with a BS in Mathematics. After her marriage, she chose to focus on raising a family and contributing to her community with volunteer service. PTA provided a good nexus for her interests in children and education. She served at school, district, and state levels of PTA organization. During her years on the Utah PTA board, she served as Family Life Commissioner, Education Commissioner, and as a member of the Bylaws Committee.

She also served as secretary to the Utah Education Coalition, a coalition of leaders from such associations as the UEA, Utah Superintendents Association, classified employees association, the State Superintendent and members of the State School Board, as well as a representative of the Utah Council of Education Deans.

When she was invited to serve as secretary for Utah Academy, she found that the bylaws for the organization were severely outdated. She drafted and proposed a new set of bylaws and standing rules that better reflected current practices of the Academy. Deon also worked on the Centennial events for the Academy in 2008, including drafting and submitting a proclamation from Governor Huntsman recognizing our centennial anniversary, which he accepted and made.

Since the end of her term as secretary, Deon has served on the Provo City Transportation Committee and on the Planning Commission. However, she treasures her association with the Academy Board members and the events they planned. She hopes to volunteer when needed in future conferences or events.

Brian Kershisnik, Honorary Member

Brian Kershisnik is the youngest of a happy and widely traveled family of sons. His father's work as a petroleum geologist took them to various continents across the globe where his mother unfailingly set up a home filled with music, great food and active conversation, furnished with treasures and artifacts from their travels and hosting frequent parties and exotic slide shows of their globetrotting family life.

Brian grew up happily dividing his time between his dad's overseas assignments and summers spent with cousins in Rock Springs, Wyoming, a friendly, curious kid and with no notion at all of what he wanted to be when he grew up. Though he drew often to entertain himself, it never occurred to him that people actually did that for a living. Finding himself unceremoniously graduated from high school after an emergency evacuation

from Pakistan abruptly ended his senior year, he applied to the University of Utah where his brother was attending school.

A General Architecture class from Peter Goss and a ceramics class from Dorothy Bearnsen began to focus his interests. After serving as a missionary in Northern Europe he determined to study ceramics at Brigham Young University and then architecture at the University of Utah. During his first year in ceramics, he met Joe and Lee Bennion and arranged to spend the summer working in Joe's pottery. After some months, it became apparent that Brian was no potter and Lee suggested he try something with her paint box. Painting changed everything. Gallery owner Dolores Chase noticed his exhibitions and offered to begin his professional career.

While based in Utah, Brian is reaching ever-widening audiences with the expansion of a national base of collectors and shows, as well as works featured in collections around the world. However widely he wanders, his yearly openings at David Ericson Fine Art in Salt Lake City and Meyer Gallery in Park City always have an air of reunion and camaraderie. His studio practice shifts between monastic solitude in his rural Kanosh studio and communal busy-ness in his Provo studio. He now lives with his wife, Faith, their dog and their bees, in the town of Provo, surrounded by his three grown children.