

FACULTY VITAE

1. Name: James Allen Cox

2. Education

Degree	Discipline	Institution	Year
A.S.	Physics	Carbon Junior College	1963
B.S.	Civil Engineering	Brigham Young University	1968
M.E.	Civil Engineering	Brigham Young University	1975
Ph.D.	Civil Engineering and Environmental Science	University of Utah	2015

3. Academic experience

Institution	Rank	Title	Dates Held	FT/PT
Utah State University Extension	Teacher	Surveying Teacher	1980	Volunteer
Utah Valley University	Associate Professor		2014-present	FT
Utah Valley University	Assistant Professor		2008-2014	FT

4. Non-academic experience

Organization	Title	Duties	Dates	FT/PT
Utah Department of Transportation	Region Three Materials Engineer	Coordinate all materials testing and pavement designs in the region	June 2004 to December 2008	FT
Utah Department of Transportation	Region Three Operations Engineer	Coordinate all operation and maintenance activities in the region	August 1997 to June 2004	FT

Utah Department of Transportation	Region Three Construction Engineer	Coordinate all construction activities in the region	1993 to August 1997	FT
Utah Department of Transportation	Region Two Project Engineer and Field Engineer	Daily decisions on a project, oversee preparation of contract payment estimates, documentation of contract items, construction survey and layout, material testing and certification	1991 to 1993	FT
Sunrise Engineering Inc.	Principal Engineer	President- Survey and Engineering	1978 to 1991	FT
Utah Department of Transportation	Project Engineer and Field Engineer	Daily decisions on a project, oversee preparation of contract payment estimates, documentation of contract items, construction survey and layout, material testing and certification	1968 to 1978	FT
Aspen Engineering Inc.	Surveyor and Assistant Engineer	Secretary and Treasurer	1967 to 1968	FT
Green, Naylor and Associates Utah County	Party Chief and Assistant Engineer	Responsible for design and survey of subdivisions, roads, well proofs and State Plane Coordinate System survey	1964 to 1967	FT

5. Certifications or Professional registrations: PLS Utah
6. Membership in Professional Organizations
 - a. Life Member and Fellow, American Society of Civil Engineers
 - b. Retired Member, Utah Council of Land Surveyors

- c. Member of the Construction Institute, American Society of Civil Engineers
7. Honors and awards
- a. Fillmore Utah City Councilman
 - b. American Management Association – Supervisory Management Course
 - c. USU Management Institute – Basic Supervision
 - d. National Highway Institute – Marketing Highway Technology
 - e. National Highway Institute – Highway Pavements
 - f. Atser LLC- Hot Mix Asphalt Construction
 - g. UDOT- Developing Effective Working Relationships with Indian Tribes and Organizations
 - h. Teacher/Facilitator for Quality Improvement – UDOT
 - i. Tom DeCoster Leadership Award
 - j. Silver Beaver- Boy Scouts of America
 - k. Wood Badge Award- Boy Scouts of America
8. Service Activities
- a. Boy Scouts of America
 - b. Utah Valley University Foundation
 - c. Coach for ASC Competitions
 - d. Empowering Your Tomorrow Booth
 - e. Dean’s Day Booth
 - f. UVU committees
9. Publications
- 1. On the Variability of Results from the Hamburg Wheel Tracker Device
Kevin VanFrank and Dr. Pedro Romero, co-authors
Published in the 49th Proceedings of the Associated Schools of Construction International Conference. (2013)
 - 2. The Significance of pH Variance in Predicting Chemical Reaction in Hot Mix Asphalt
Published by the University of Utah (2016)
 - 3. The Significance of pH Variance in Predicting Chemical Reaction in Hot Mix Asphalt
Published in the American Society of Civil Engineers Materials Journal (2016)
10. Applying for full Professorship at UVU
Staff member for Wood Badge 2017
Circles of Learning at UVU