Scott F. Beaver

beavers@wou.edu

EDUCATION:

June 2004	 Doctor of Philosophy in Applied Mathematics, University of California Davis, Davis, CA. Advisor: Thomas Strohmer. Dissertation Title: Banach Algebras of Integral Operators, Off-Diagonal Decay, and Applications to Wireless Communications.
Aug. 1997	Master of Science in Mathematics, University of Arizona, Tucson, AZ. Advisor: Doug Pickrell Thesis Title: A Brief Review of Some Knot Invariants.
March 1994	Bachelor of Science in Mathematics, Auburn University at Montgomery, Montgomery, AL.

June 1990 Bachelor of Science in Engineering Physics, Lehigh University, Bethlehem, PA.

PROFESSIONAL EMPLOYMENT AND RESEARCH:

- 2015-pres. Professor, Western Oregon University Mathematics Department, Monmouth, OR.
- 2009-14 Associate Professor, Western Oregon University Mathematics Department, Monmouth, OR.
- 2005-09 Assistant Professor, Western Oregon University Mathematics Department, Monmouth, OR.
- May 2021 **Co-Instructor**, Forensic Measurement Confidence: Practical Application, ANSI National Accreditation Board.
- Sep. 2020 **Co-Instructor**, *Basic Statistics for Laboratories and Inspection Bodies*, ANSI National Accreditation Board.
- 2004-05 **Teaching Postdoctoral Fellow,** University of New Mexico Department of Mathematics and Statistics, Albuquerque, NM. Taught Vector Analysis, Linear Algebra, Calculus II, and Elements of Calculus.
- 2000-04 **Research for Ph.D. in Applied Mathematics,** Albuquerque, NM. Off-diagonal decay of 2n-dimensional integral operator kernels, pulse-shaping & lattice design for OFDM systems, and Gabor Analysis.
- Summer Intern, Sandia National Laboratories, Albuquerque, NM. Organized data on com-2003 panies doing contemporary research in smart wireless networks.

PROFESSIONAL EMPLOYMENT AND RESEARCH (Continued):

- Summer
 Assistant Instructor, NSF VIGRE Research Experience for Undergraduates
 (REU) in Applied and Computational Harmonic Analysis, University of California Davis, Davis, CA.
- 1998-2000 Graduate Teaching Assistant, Associate Instructor, University of California Davis, Davis, CA.
- 1995-97 Graduate Teaching Assistant, University of Arizona, Tucson, AZ.

PUBLICATIONS:

Vol. 25, Issue 7 (Aug. 2015)	"Teaching Linear Algebra: How We Can Assess More Efficiently by Staying Comfort- ably Within Z," in <i>PRIMUS (Problems, Resources, and Issues in Mathematics Under-</i> graduate Studies).
Dec. 2011	"The Effect of Peer-Assessment on the Attitudes of Pre-Service Elementary and Middle School Teachers about Writing and Assessing Mathematics" with Cheryl Beaver, in Issues in the Undergraduate Mathematics Preparation of School Teachers: The Journal.
Vol. 21, No. 6 (Aug Sep. 2011)	"A Pre-Bridge Course: The Natural Role of Sequences and Series," <i>PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies).</i>
Vol 36, No. 1, 2010	"A Weighted Wiener's Lemma for Integral Operators With Schur-Type or Essential-Supremum Kernel Decay Conditions," <i>The Houston Journal of Mathematics.</i>
Oct. 2008 (No. 9)	"Advanced Calculus I and II Tailored for Two Ten-Week Terms," <i>The Journal of Inquiry-Based Learning in Mathematics.</i> (Submitted 2nd Edition, June 2010.)
July 2003	"Optimal OFDM Design for Time-Frequency Dispersive Channels," <i>IEEE Transactions on Communications</i> , with Thomas Strohmer.
November 2001	"Optimal OFDM Pulse and Lattice Design for Doubly Dispersive Channels," 35 th Asilomar Conference on Signals, Systems, and Computers, with Thomas Strohmer.

INVITED PRESENTATIONS:

May 2019	"Finding the Right Balance: Positioning Mathematics for Student Success" Mario and Alma Pastega Awards Ceremony, Western Oregon University, Monmouth, OR.
October 2010	"The Wonderful (But Not Too Mysterious) World of Fourier," Willamette University Mathematics Colloquium, Salem, OR.
March	"An Optimal, Democratic Method of Orthogonalization from the Singular Value De-
2009	composition," Humboldt State University Mathematics Colloquium, Arcata, CA.
November	"The Singular Value Decomposition in Symmetric (Löwdin) Orthogonalization and
2006	Data Compression," Willamette University Mathematics Colloquium, Salem, OR.

PRESENTATIONS:

November	"Russell's Paradox," WOU Math Club, Monmouth, OR	
2018		

January	"An IBL Approach to Advanced Calculus that Incorporates Proficiency," AMS-MAA
2014	Joint Mathematical Meetings, Baltimore, MD.

- January "The Flip Side of Linear Algebra," AMS-MAA Joint Mathematical Meetings, San 2013 Diego, CA.
- June 2012 "Reflections on a Self-Paced Complex Analysis Course," 15th Annual Legacy of RL Moore Conference, Austin, TX.

June 2011 "A Modified Moore Method for Small Advanced Calculus Classes of Predominantly Future High School Teachers," 14th Annual Legacy of RL Moore Conference, Washington, DC.

April 2010 "The Fourier Transform, $L^2(\mathbb{R})$, and the Riemann-Lebesgue Lemma," at the MAA PNW Regional Meeting, Seattle, WA.

January"Does Peer Assessment Help Improve Mathematical Writing for Pre-Service Elementary2010and Middle School Teachers?," with Cheryl Beaver, at the AMS-MAA Joint Mathematical Meetings, San Francisco, CA.

August"The Natural Role of the Sequences and Series Calculus Course," at the MAA MathFest,2009Portland, OR.

PRESENTATIONS (Continued):

July 2008	"Self-Reliant Students in WOU Advanced Calculus 2007-08," at the 11 th Annual Legacy of R.L. Moore Conference, Austin, TX.
June 2008	"Invertible Integral Operators and Subexponential Kernel Decay," at the MAA PNW Regional Meeting, Helena, MT.
August 2007	"Seeing the Forest Through the Trees: How to Stop Students from Memorizing Proofs in Advanced Calculus," at the MAA MathFest, San Jose, CA.
August 2007	"Assessing Student Presentations of New Material in Advanced Calculus," at the MAA MathFest, San Jose, CA.
August 2007	"Probability and Statistics for Elementary Teachers at Western Oregon University," at the MAA MathFest, San Jose, CA.
April 2007	"Strategies for Proof Compression in Advanced Calculus," at the MAA PNW Regional Meeting, McMinnville, OR.
January 2007	"Löwdin Orthogonalization - A Natural Supplement to Gram-Schmidt," at the AMS-MAA Joint Mathematics Meetings, New Orleans, LA.
February 2004	"Symmetry and Inverse-Closedness of Banach Algebras of Integral Operators Defined by Off-Diagonal Decay of the Kernels," at the Combined Pure and Applied Mathematics Student Seminar, Department of Mathematics, University of California Davis, Davis, CA.
November 2001	"Optimal OFDM Pulse and Lattice Design for Doubly Dispersive Channels," at the 35^{th} Asilomar Conference on Signals, Systems, and Computers; poster session.

AWARDS, GRANTS, AND RECOGNITION:

- May 2019 Western Oregon University Pastega Award for Excellence in Teaching.
- April 2019 Inducted into The Honor Society of Phi Kappa Phi.
- May 2013 Attended Emerging Leaders Day (invite-only) at the State Capitol; nominated by AFT-Oregon.
- April AFT-Oregon 2009-10 and 2010-11 Treasurer's Awards.
- 2010, 2011
- May 2008 Selected as a Pacific Northwest NExT Fellow.
- May 2007 Inducted into Pi Mu Epsilon, National Mathematics Honor Society.

AWARDS, GRANTS, AND RECOGNITION (Continued):

2017-18	WOU Faculty Development Category I Travel Grant, to attend the AMS-MAA Joint Mathematical Meetings for CTUM committee meeting, San Diego, CA.
2016-17	WOU Faculty Development Category I Travel Grant, to attend the AMS-MAA Joint Mathematical Meetings for CTUM committee meeting, Atlanta, GA.
2015-16	WOU Faculty Development Category I Travel Grant, to attend the AMS-MAA Joint Mathematical Meetings for CTUM committee meeting, Seattle, WA.
2014-15	Two WOU Faculty Development Category I Travel Grants, to attend MAA MathFest, and to attend the AMS-MAA Joint Mathematical Meetings for CTUM committee meeting, San Antonio, TX.
2013-14	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the AMS-MAA Joint Mathematical Meetings, Baltimore, MD.
2012-13	WOU Faculty Development Category I Travel Grant, to attend and present a talk, and moderate a session at the AMS-MAA Joint Mathematical Meetings, San Diego, CA.
Spring 2012	WOU Faculty Development Category IV Grant, to research off-diagonal decay inheri- tance of factors of bi-infinite matrices.
2011-12	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the 15^{th} Annual Legacy of RL Moore Conference in Austin, TX.
2010-11	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the 14 th Annual Legacy of RL Moore Conference in Washington, DC.
2009-10	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the Joint AMS/MAA Meetings in San Fransisco, CA.
2008-09	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the Joint AMS/MAA Meetings in Washington, DC. (declined)
2007-08	WOU Faculty Development Category I Travel Grant, to attend and present a talk at the PNW Section Meeting of the MAA in Helena.
2006-07	WOU Faculty Development Category I Travel Grant, to attend and present three talks at the MAA MathFest in San Jose.
2006-07	WOU Division of Natural Sciences and Mathematics Travel Grant, to attend and present a talk at the Joint AMS/MAA Meetings in New Orleans.
2006-07	WOU Faculty Development Category II Travel Grant, to attend the MAA MathFest in Knoxville.

AWARDS, GRANTS, AND RECOGNITION (Continued):

COURSES TAUGHT AT WOU:

MTH 496/596	Problem Solving for Middle School Teachers	Su 2007
MTH 493/593	Experimental Probability & Statistics for Middle School Teachers	Su 2009
MTH 480	Special Topics in Topology Indepen- dent Study	W 2021
MTH 441	Linear Algebra II	S 2011, 2017
MTH 416	Complex Analysis	S 2006, 2008, 2010, 2012
MTH 416	Complex Analysis Independent Study	S 2020, W 2021, S 2023
MTH 420	Special Topics in Applied Mathemat- ics: Signal Analysis (Special Topics)	F 2022
MTH 410	Fourier Analysis & Applications (Special Topics)	W 2007
MTH 403/4	Senior Project I & II	W-S 2010, 2011, 2012
MTH 402	Topology Independent Study	S 2015, 2017, W 2021
MTH 402	Vector Calculus Independent Study	F 2020
MTH 393	Probability and Statistics for Elementary Teachers	F 2005-08, 2011, 2015
MTH 354	Discrete Mathematics for Computer Science	S 2006, W 2008, 2009, 2014
MTH 351	Numerical Analysis	W 2020, W 2022
MTH 341	Linear Algebra	F 2005, 2010-16, 2020 S 2015-16 F 2020-22
MTH 314	Differential Equations	S 2006, W 2014, S 2018 S 2020, S 2023

COURSES TAUGHT AT WOU (Continued):

MTH 313	Advanced Calculus III	S 2007, S 2009
MTH 311, 312	Advanced Calculus I-II	F-W 2005-15 & 2018-19, W-S 2018 F 2021, 2022, W 2022, 2023
MTH 280	Introduction to Proof	S 2014, F 2015-17, S 2016-17
MTH 254	Multivariate Calculus	S 2007-09, F 2009, S 2019-20 S 2023
MTH 253	Calculus III: Sequences and Series	W 2006, S 2006, W 2008, W 2015-19, S 2008-10, 2015, W 2021-22
MTH 252	Calculus II	W 2012, S 2014, W 2016, W 2017, F 2015-16, W 2021, F 2021 W 2022, F 2022
MTH 251	Calculus I	W 2022, F 2022 W 2011, W 2017, W 2018, F 2016
MTH 243	Introduction to Probability and Statistics	F 2008, S 2016, F 2017, F 2018 S 2019, Su 2019, F 2019, Su 2020, F 2020, W 2021
MTH 232	Elements of Discrete Mathematics II	S 2020, 2023
MTH 231	Elements of Discrete Mathematics	W 2006, F 2007
MTH 211, 212, 213	Foundations of Elementary Mathematics I-III	F 2006-S 2007
MTH 112	Elementary Functions	F 2012, W 2013, S 2017 W 2023
MTH 111	College Algebra	F 2009, W 2010, F 2010

SERVICE:

2022-23 SB 233 (2021) Common Course Numbering Statistics Subcommittee Member
2022-23 NSM Representative, WOU Faculty Senate

SERVICE (Continued):

2021, 2023	Reviewer, PURE Insights
2021-23	Member, Code of Conduct Ad Hoc Committee, WOUFT
2022	Member, Compensation Task Force, WOUFT
2021-22	Member, Curriculum Committee, Division of Natural Sciences and Mathematics
2021-22	Member, Professional Concerns Committee, Division of Natural Sciences and Mathematics
2019-21	Member, Pastega Awards Committee, WOU
2019-21	Communications Director, Western Oregon University Federation of Teachers
2017-19	President, Western Oregon University Federation of Teachers
2018, 2019	WOUFT Ranking Delegate, AFT-Oregon State Convention
2018-pres.	Member, CS/MTH Committee, WOU
2017-pres.	Member, Scholarship Committee, Mathematics Department, WOU
2018-pres.	Member, MTH 243 Committee, Mathematics Department, WOU
2015-pres.	Reviewer, PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies)
2015-18	Member, Mathematical Association of America Committee on the Teaching of Under- graduate Mathematics

- 2015-16 Member, NSM Division PRC
- 2013-15 Chair, WOU Mathematics Department
- 2014-17 WOU Mathematics Department Willamette Promise Representative, MTH 111/112 PLC
- 2014, 2018 Judge, Student Poster Session, AMS-MAA Joint Mathematics Meetings, Baltimore, MD, and San Diego, CA
- 2013 Moderator, General Contributed Paper Session on Interdisciplinary Topics, AMS-MAA Joint Mathematics Meetings, San Diego, CA
- 2012 Paid Reviewer, John Wiley & Sons, "The Elements of Cantor Sets," by Robert Vallin

SERVICE (Continued):

 2014-18 2012 Committee Member, Statewide Oregon SB 242 Optional Retirement Plan Committee 2011-12 Faculty Adviser to Dr. Lin Lin, Visiting Scholar from Shenyang, China 2011-18 Western Oregon University PURE Executive Committee/Board Member 2010 Northwest Undergraduate Mathematics Symposium Student Presentation Judge, at Oregon State University 	2011-12, 2013-14	Chief Negotiator and Bargaining Team Chair, Western Oregon University Federation of Teachers
2011-12 Faculty Adviser to Dr. Lin Lin, Visiting Scholar from Shenyang, China 2011-18 Western Oregon University PURE Executive Committee/Board Member 2010 Northwest Undergraduate Mathematics Symposium Student Presentation Judge, at Oregon State University 2010-12 Session Chair (Mathematics Senior Project Presentations), WOU Academic Excellence Showcase 2009-10 Chair, WOUFT-Faculty Senate Joint Committee on Evaluations 2009-10 WOU Faculty Senate Vice-President 2009-10 WOU Faculty Senate Vice-President 2009-10 Member, WOU Faculty Senate Committee on Committees 2009-10 Member, WOU Faculty Senate Committee on Committee 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WoU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Secretary, WoU Finance and Budget Advisory Committee 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08 WOU Prof Chat	,	Member, Western Oregon University Federation of Teachers Collective Bargaining Team
 2011-18 Western Oregon University PURE Executive Committee/Board Member 2010 Northwest Undergraduate Mathematics Symposium Student Presentation Judge, at Oregon State University 2010-12 Session Chair (Mathematics Senior Project Presentations), WOU Academic Excellence Showcase 2009-10 Chair, WOUFT-Faculty Senate Joint Committee on Evaluations 2009-10 WOU Faculty Senate Vice-President 2007-11 WOU Math Softball Team (ε-Ballers) Coach and Player 2008-09 At-Large Member, WOU Faculty Senate Committee on Committee 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008 Member, WOU Faculty Senate 2007-08 Secretary, WOU Faculty Senate 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2012	Committee Member, Statewide Oregon SB 242 Optional Retirement Plan Committee
2010 Northwest Undergraduate Mathematics Symposium Student Presentation Judge, at Oregon State University 2010-12 Session Chair (Mathematics Senior Project Presentations), WOU Academic Excellence Showcase 2009-10 Chair, WOUFT-Faculty Senate Joint Committee on Evaluations 2009-10 WOU Faculty Senate Vice-President 2009-10 WOU Math Softball Team (ε-Ballers) Coach and Player 2009-10 Member, WOU Faculty Senate Committee on Committees 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008 Secretary, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08 Weu Prof Chat	2011-12	Faculty Adviser to Dr. Lin Lin, Visiting Scholar from Shenyang, China
Oregon State University2010-12Session Chair (Mathematics Senior Project Presentations), WOU Academic Excellence Showcase2009-10Chair, WOUFT-Faculty Senate Joint Committee on Evaluations2009-10WOU Faculty Senate Vice-President2007-11WOU Math Softball Team (ε-Ballers) Coach and Player2009-10Member, WOU Faculty Senate Committee on Committees2008-09At-Large Member, WOU Faculty Senate Executive Committee2008-11Treasurer, Western Oregon University Federation of Teachers2008Secretary, Woll First-Year Experience Committee2007-08Secretary, Western Oregon University Federation of Teachers2007-08Member, WOU Finance and Budget Advisory Committee2007-08WOU Prof Chat	2011-18	Western Oregon University PURE Executive Committee/Board Member
Showcase2009-10Chair, WOUFT-Faculty Senate Joint Committee on Evaluations2009-10WOU Faculty Senate Vice-President2007-11WOU Math Softball Team (ε-Ballers) Coach and Player2009-10Member, WOU Faculty Senate Committee on Committees2008-09At-Large Member, WOU Faculty Senate Executive Committee2008-11Treasurer, Western Oregon University Federation of Teachers2008Member, WOU First-Year Experience Committee2007Secretary, WOU Faculty Senate2007-08Secretary, Western Oregon University Federation of Teachers2007-08Member, WOU Finance and Budget Advisory Committee2007-08WOU Prof Chat	2010	Northwest Undergraduate Mathematics Symposium Student Presentation Judge, at Oregon State University
 2009-10 WOU Faculty Senate Vice-President 2007-11 WOU Math Softball Team (<i>ɛ</i>-Ballers) Coach and Player 2009-10 Member, WOU Faculty Senate Committee on Committees 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008-11 Faculty Advisor, William Lowell Putnam Math Competition Team 2008 Member, WOU Faculty Senate 2007-08 Secretary, WOU Faculty Senate 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2010-12	Session Chair (Mathematics Senior Project Presentations), WOU Academic Excellence Showcase
 2007-11 WOU Math Softball Team (<i>ɛ</i>-Ballers) Coach and Player 2009-10 Member, WOU Faculty Senate Committee on Committees 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008-11 Faculty Advisor, William Lowell Putnam Math Competition Team 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2009-10	Chair, WOUFT-Faculty Senate Joint Committee on Evaluations
 2009-10 Member, WOU Faculty Senate Committee on Committees 2008-09 At-Large Member, WOU Faculty Senate Executive Committee 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008-11 Faculty Advisor, William Lowell Putnam Math Competition Team 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2009-10	WOU Faculty Senate Vice-President
 At-Large Member, WOU Faculty Senate Executive Committee Treasurer, Western Oregon University Federation of Teachers Faculty Advisor, William Lowell Putnam Math Competition Team Member, WOU First-Year Experience Committee Secretary, WOU Faculty Senate Secretary, WoU Faculty Senate Secretary, Western Oregon University Federation of Teachers Member, WOU Finance and Budget Advisory Committee WOU Prof Chat 	2007-11	WOU Math Softball Team (ε -Ballers) Coach and Player
 2008-11 Treasurer, Western Oregon University Federation of Teachers 2008-11 Faculty Advisor, William Lowell Putnam Math Competition Team 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2009-10	Member, WOU Faculty Senate Committee on Committees
 2008-11 Faculty Advisor, William Lowell Putnam Math Competition Team 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2008-09	At-Large Member, WOU Faculty Senate Executive Committee
 2008 Member, WOU First-Year Experience Committee 2007-08 Secretary, WOU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2008-11	Treasurer, Western Oregon University Federation of Teachers
 2007-08 Secretary, WOU Faculty Senate 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2008-11	Faculty Advisor, William Lowell Putnam Math Competition Team
 2007-08 Secretary, Western Oregon University Federation of Teachers 2007-08 Member, WOU Finance and Budget Advisory Committee 2007-08, WOU Prof Chat 	2008	Member, WOU First-Year Experience Committee
2007-08 Member, WOU Finance and Budget Advisory Committee2007-08, WOU Prof Chat	2007-08	Secretary, WOU Faculty Senate
2007-08, WOU Prof Chat	2007-08	Secretary, Western Oregon University Federation of Teachers
	2007-08	Member, WOU Finance and Budget Advisory Committee
		WOU Prof Chat

2006-10 NSM Representative, WOU Faculty Senate

SERVICE (Continued):

2006-10	Member, NSM Technology Committee
2005-13	Technology Liaison, Mathematics Department
2006-10	Math Club Advisor, Mathematics Department
2005-07, 2011-13, 2015-17	Library Liaison, Mathematics Department

COMMUNITY:

2019	Volunteer, Valley District JBO Senior American Baseball, Monmouth, OR
2018	Volunteer, Valley District JBO Junior Federal Baseball, Monmouth, OR
2017	Head Coach, Valley District JBO Junior National Baseball, Monmouth, OR
2016	Volunteer, Valley District JBO Midgets American Baseball, Monmouth, OR
2015	Head Coach, Central Youth Sports Minors Baseball, Monmouth, OR
2013, 2014	Assistant Coach, Central Youth Sports Rookies and Minors Baseball, Monmouth, OR
2011-17	Set construction, sound tech, and voice coaching volunteer, Applebox Children's The- ater (formerly Mid-Valley Community Children's Theater), Monmouth, OR

PROFESSIONAL ORGANIZATION MEMBERSHIPS: