13439 Spring Grove Ave. • Dallas • TX • 75240

Cell (714) 310-3890 • magic1900@me.com

Matthew McKinney M.F.A.

**Education**

**Masters of Fine Arts**, Technical Theatre & Design, San Diego State University, 2007

* Summa Cum Laude

**Bachelor of Arts**, Technical Theatre & Design, California State University Fullerton, 2002

**Academic/Teaching Experience**

**Lecturer in Technical Theatre/Technical Director, University of North Texas** 2021-Present

* THEA 1046 Stagecraft I

Introduction to basic scenery construction, properties, general theatre safety and operations. Includes a practical laboratory working in the scene shop on department productions. Time and dates in the practical laboratory determined through consultation with instructor.

* THEA 1700 Theatrical Design I

Introduction to principles and elements of design such as line, form, color composition, balance and symmetry, with specific focus related to costume, makeup, lighting and sound, properties, and scenery.

**Technical Theatre Teacher/Technical Director,** Greenhill School, Addison TX, 2015-2018

* MS-6588 MS Technical Theatre I

This course presents students with a broad overview of the backstage areas in the theater to include set design and building, lighting, sound, make-up, and costumes. Students participate in class projects, worksheets, and hands-on work in the Marshall Family Performing Arts Center.

* MS-7855 MS Technical Theatre II

Students continue to expand their backstage knowledge and skills through more concentrated projects in specific areas. Projects vary each trimester and are based on areas of class interest. Tech II students work on technical needs for Middle School Musical Theatre productions and the Middle School One Act festival.

* FA-6085 Furniture Design

Students learn the process of designing a conceptualized chair or table and use existing shop tools to effectively blend form and function. Students use traditional drafting methods as well as maquette to refine their designs. They also gain an understanding of the characteristics of different materials and the fundamental construction techniques and tools associated with those materials. Students may choose to form a chair from a solid tree stump, or weld an ornate steel-frame desk with a ceramic top, or an end table with a light-up laser etched glass top. The possibilities are only limited to their imaginations.

* FA-6210 Upper School Technical Theatre

This course covers the design elements of set, lighting, sound, props, and makeup. Basic stagecraft including tools, construction, painting, electricity, rigging, and metal work. The class is held in the theater and scene shop and utilizes the technical tools and systems available. Part of class time is focused on real technical needs for upcoming shows in the theater facility.

* FA-6235 Upper School Advanced Technical Theatre

This course introduces the beginning theater artist to a variety of subjects in technical theater and design. Each trimester we intensely focus on a different subject. Past topics have included: Scene Design, Welding and metal working, CNC and laser cutter design and programing, and outdoor theater.

* FA-6205 Fall Drama Technical Crew

The technical crew builds and works on technical elements for the Fall production in areas including scenery, lighting, costumes, and stage management. Once the show opens students act as crew in one of the following areas: stage manager, light board operator, sound board operator, stage crew, props crew, house management, spotlight operator, projection operator, or wardrobe. Most students have the opportunity to continue working on crew when the production visits the ISAS festival in April.

* 6225 Musical Technical Crew

The students work on the Upper School’s musical production. Musicals are usually much larger in scale and there is much more opportunity for students interested in various areas of technical theater. Most students have the opportunity to continue working on crew when the production visits the ISAS festival in April.

* 6865 Spring Student Production Technical Crew

Spring production is held in the studio theater and students act as crew. Advanced students may have the opportunity to work as designers or other advanced technical positions based on recommendations from the technical director.

**Administrative Faculty,** University of Nevada Reno, Department of Theatre & Dance, 2006-2011

* THTR 208/408 Nevada Repertory Company

Performance and production of plays for the University Theatre season. Includes instruction and research relative to the selected program of plays.

* THTR 219 Projects in Technical Theatre

Specialized instruction in the theory and practice of such areas as scenery, lighting, sound properties, costuming, and technical direction.

* THTR 402 Scene Design

Art of scenic interpretation through play analysis; rendering, color, style, ground plans, construction plans; research in history of design and period styles.

* THTR 409 Scenery Practicum

Practical experience as scene designer or technical director in an actual production situation.

* THTR 478 Theatre Internship

Supervise and mentor students in real work application of theatre skills and techniques. Students work at the Lake Tahoe Shakespeare Festival.

* THTR 495 AutoCAD for Theatre

Explores the use of computer-aided drafting in theatre design and technology, using AutoCAD to take an idea from concept to final design.

* THTR 495 Technical Theatre II

Theory and practice of advanced scenery construction techniques; theatrical rigging, pneumatics, automation, and technical direction as related to production demands.

* THTR 497 Senior Project

Optional major project proposed by the student and approved by the department to demonstrate proficiency in directing, acting, designing, management or playwriting.

**Teaching Associate**, San Diego State University, Theatre Department, 2003-2006

* THEA 240A Theatre Design & Technology I

Design, technical practices, and production organizations for the theatre; scenery and stagecraft.

* THEA 546 CAD for the Theatre

Explores the use of computer-aided drafting in theatre design and technology, using AutoCAD and Vectorworks to take an idea from concept to final product.

**Professional Experience**

* **Lecturer/Technical Director** University of North Texas 2021-Present

Budget, build four theatre department productions and two Opera department production a year. Teach various classes including: Stagecraft I, Stagecraft II, Theatrical Design, Computer Aided Design, Technical Direction. Oversee and mentor technical production students.

* **Senior Project Manager** Dallas Stage Scenery 2019-2021

Work with clients to fulfill their design while maintaining budget, drafting construction drawings, programming CNC files, supervising staff carpenters, electricians, welders, and painters in the production of scenic elements, prepping transport and load in of all elements within client’s timeline.

* **Project Manager** Communilux Productions 2018-2019

Act as project lead for various projects in the area of quoting and maintaining budget, drafting construction drawings, programming CNC files, supervising staff carpenters, electricians, and painters in the production of scenic elements, prepping transport and load in of all elements within client’s timeline.

* **Technical Director** Greenhill School 2015-2018

Oversee all scenery, lighting and sound for K-12 grade productions in three different venues, a 600 seat proscenium theater, a 175 seat convertible black box studio, and a 75 seat dance studio. Maintain the department scene shop and all technical equipment including: CNC router table, 50 Watt Laser cutter, intelligent lighting fixtures, automated rigging line sets, Etc. Responsible for teaching 5 technical theatre classes for grades 7-12.

* **Technical Director** Dallas Theater Center (LORT B/C) 2011-2015

Manage all areas of technician production including hiring scenic crews, maintaining a 40,000 square foot scene shop, and oversee a $250,000+ annual budget. Hire and supervise labor for build, load in, and strike for 8 Dallas Theater Center productions a year in three venues including the Wyly theater and the Kalita Humphreys theater. Foster significant collaboration with all departments to facilitate a harmonious production process from start to finish.

Notable productions: Giant, Fortress of Solitude (co-productions with The Public Theater NY), Fly (directed and produced by Jeffrey Sellers)

* **Technical Director** University of Nevada Reno 2006-2011

Budget, build and supervise 30+ Students for 4-6 productions a year in the areas of set construction, scenic painting, props, and stage operations. Teach various classes including: Technical Theater II, AutoCAD, Scene Design and Nevada Repertory Company. Oversee and manage budgets for all technical areas and mentor technical production students.

* **Technical Director** Lake Tahoe Shakespeare Festival (LORT C-LOA) 2008-2011

Oversee all areas of technical production for multiple rotating repertory productions on an outdoor stage. Hire and supervise technical staff including: IATSE carpenters and riggers, shop foreman, master carpenters, scenic artists, board operators, master electricians, and interns. Oversee and manage budgets for all technical areas.

* **Deck Boss** Urban Village Music Series 2010

Preparing the stage for sound check and coordinating with the hired talent for rehearsals and performances.

* **Automation Assistant** Dallas Opera & San Diego Opera2006

Designing, building, installing, and programming an automation package for the touring production of ***The Magic Flute***

* **Assistant Technical Director** Old Globe Theatre (LORT B+) Summer: 2003-04

Notable Productions: Dirty Rotten Scoundrels (Opened on Broadway March 2005), Lucky Duck, Much Ado About Nothing, Julius Caesar, Dirty Blonde, Time Flies, Rough Crossing, Fiction.

* **Teaching Associate** San Diego State University 2003-2006

Scene Design Technology (THEA 240A): Course curriculum: Shop safety, proper power tool use and basic to advanced scenery construction techniques in lecture and laboratory sessions

CAD for the Theatre (THEA 546): Course curriculum: Teaching the basics of AutoCAD & Vectorworks for theater design and technical production.

* **Project Assistant** H&H Specialties 2001-2002

Drafting rigging parts for manufacturing and designing rigging systems for theatres.

* **Lighting Assistant** California State University Fullerton 2000 - 2001

Hanging, focusing and performing various duties in preparation of technical and dress rehearsals

* **Theatre Technician** Lake Tahoe Community College 1999

Creating, setting up and running scenic, lighting and sound designs suitable for various events in the theatre.

* **Theatre Technician** Valhalla Boat House Theatre 1998

General supervision of the boathouse theater for various public events including theatrical events, movie presentations, concerts, and lectures.

**Project Management/Technical Direction**

* *Our Town* University of North Texas 2021
* *Amazing Grace* University of North Texas 2021
* *Snowyday* Houston Grand Opera 2021
* *Blippi the Musical* Round Room Productions 2021
* *Joni Table Talk* Daystar Studios 2021
* *TOSCA* Austin Lyric Opera 2021
* *HS Theatre Awards Show* Dallas Summer Musicals 2021
* *Bier Garten*  Dallas Arboretum 2020
* *Christmas Display* St. Ann’s Church 2020
* *Christmas City 2020* Gateway Church 2020
* *Christmas Village* Dallas Arboretum 2020
* *Norma* Boston Lyric Opera 2020
* *Christmas City 2019* Gateway Church 2019
* *Milagro* Houston Grand Opera 2019
* *OWL Homestand* Overwatch League 2019
* *Ragtime* Theater Under the Stars 2019
* *HP Conference Exhibit & Breakouts* Houston Conference center 2019
* *Twitter SXSW* SXSW Exhibit 2019
* *Nothing to be Written* SXSW Virtual Cinema 2019
* *Mamma Mia!* Theater Under the Stars 2019
* *Google Air Conference Exhibit* San Francisco Conference center 2018
* *Cowboy’s Christmas Spectacular* The Star @ Ford Center 2018
* *Mamma Mia!* Fourth Wall Scenic 2018
* *The Little Mermaid* Summer On The Hill 2018
* *Time Flies* Greenhill School 2018
* *Crybaby* Greenhill School 2018
* *These Shining Lives* Greenhill School 2017
* *Shrek* Summer On The Hill 2017
* *Comedy of Errors* Greenhill School 2017
* *Cabaret* Greenhill School 2017
* *Tartuffe* Greenhill School 2016
* *Nutcracker* Greenhill School 2016
* *West Side Story* Summer On The Hill 2016
* *Lord of the Flies* Greenhill School 2016
* *Annie* Greenhill School 2016
* *A Midsummer Night’s Dream* Greenhill School 2015
* *Mountaintop* Dallas Theater Center 2015
* *Moonshine* Dallas Theater Center 2015
* *Colossal* Dallas Theater Center 2015
* *School for Wives* Dallas Theater Center 2015
* *Medea* Dallas Theater Center 2015
* *Stagger Lee* Dallas Theater Center 2015
* *The Book Club Play* Dallas Theater Center 2015
* *Driving Miss Daisy* Dallas Theater Center 2014
* *Rocky Horror Show* Dallas Theater Center 2014
* *Les Misérables* Dallas Theater Center 2014
* *Sherlock Holmes: The Final Adventure* Dallas Theater Center 2014
* *Fortress of Solitude*  Dallas Theater Center 2014

The Public Theater, NY

* *Oedipus El Rey* Dallas Theater Center 2014
* *A Christmas Carol* Dallas Theater Center 2013-2015
* *Clybourne Park* Dallas Theater Center 2013
* *Raisin in the Sun* Dallas Theater Center 2013
* *Fly* Dallas Theater Center 2013
* *Fly By Night* Dallas Theater Center 2013
* *The Odd Couple* Dallas Theater Center 2013
* *Red* Dallas Theater Center 2013
* *King Lear* Dallas Theater Center 2013

Trinity Repertory, Providence RI

* *A Christmas Carol* Dallas Theater Center 2011-2012
* *The Elaborate Entrance of* Dallas Theater Center 2012

*Chad Deity*

* *2nd City Does Dallas* Dallas Theater Center 2012
* *Joseph and the Amazing* Dallas Theater Center 2012

*Technicolor Dreamcoat*

* *God of Carnage* Dallas Theater Center 2012
* *Next Fall* Dallas Theater Center 2012
* *Lighthouse* (Associate)Dallas Opera 2012
* *Tigers Be Still* Dallas Theater Center 2012
* *Giant* Dallas Theater Center 2012

The Public Theater, NY

* *To Kill A Mockingbird* Dallas Theater Center 2011

Casa Manana, Fort Worth TX

* *The Tempest* Dallas Theater Center 2011
* *Twelfth Night* Lake Tahoe Shakespeare Festival 2011
* *Midsummer Night’s Dream* Nevada Repertory Company 2011
* *Fat Pig* Nevada Repertory Company 2011
* *Is He Dead?* Nevada Repertory Company 2010
* *Stop Kiss* Nevada Repertory Company 2010
* *The Complete Works of William* Lake Tahoe Shakespeare Festival 2010

*Shakespeare (Abridged)*

* *Grease* Nevada Repertory Company 2010
* *ACTF Region VIII (Technical Supervisor)* University of Nevada Reno 2010
* *Romeo & Juliet* Nevada Repertory Company 2009
* *Ubu the King*  Nevada Repertory Company 2009
* *Measure for Measure* Lake Tahoe Shakespeare Festival 2009
* *Much Ado About Nothing*  Lake Tahoe Shakespeare Festival 2009
* *Metamorphoses* Nevada Repertory Company 2009
* *The Foreigner* Nevada Repertory Company 2009
* *Much Ado About Nothing* Nevada Repertory Company 2008
* *This is Our Youth*  Nevada Repertory Company 2008
* *Juvenilia*  Nevada Repertory Company 2008
* *Richard III*  Lake Tahoe Shakespeare Festival 2008
* *Midsummer Night’s Dream* Lake Tahoe Shakespeare Festival 2008
* *Cambio*  Lake Tahoe Shakespeare Festival 2008
* *The Charm of Preparedness* Nevada Repertory Company 2008
* *Joseph and the Amazing* Nevada Repertory Company 2008

*Technicolor Dreamcoat*

* *The Trojan Women*  Nevada Repertory Company 2007
* *The Increased Difficulty*  Nevada Repertory Company 2007

*of Concentration*

* *Godspell*  Nevada Repertory Company 2007
* *Cyrano de Bergerac*  Nevada Repertory Company 2007
* *A . . . . My name is Alice* Nevada Repertory Company 2007
* *Amahl & the Night Visitors* Lyric Opera Theatre 2006
* *Three Penny Opera*  Nevada Repertory Company 2006
* *Lady from Dubuque*  Nevada Repertory Company 2006
* *Fiction* (Assistant) Old Globe Theatre 2004
* *Dirty Rotten Scoundrels* (Assistant) Old Globe Theatre 2004
* *Lucky Duck* (Assistant) Old Globe Theatre 2004
* *Time Flies* (Assistant) Old Globe Theatre 2004
* *Elise: Silent Scream* Exilio films 2004
* *Much Ado About Nothing* (Assistant) Old Globe Theatre 2003
* *Julius Caesar* (Assistant) Old Globe Theatre 2003
* *Dirty Blonde* (Assistant) Old Globe Theatre 2003
* *Rough Crossing* (Assistant) Old Globe Theatre 2003

**Student Technical Direction**

* *The Cherry Orchard*  San Diego State University 2006
* *Alice in Wonderland*  San Diego State University 2005
* *Angels in America*  San Diego State University 2004
* *A Lie of the Mind* (Assistant) San Diego State University 2004
* *Brownstone* (Assistant) San Diego State University 2004
* *Othello* (Assistant) San Diego State University 2004
* *Honk*  San Diego State University 2003
* *Saturday Night* San Diego State University 2003
* *Scapin* California State University Fullerton 2001
* *Hotel Paradiso* (Assistant) California State University Fullerton 2001
* *Street Scene* (Assistant)California State University Fullerton 2001
* *24 Hours* (Assistant) California State University Fullerton 2001
* *Nunsense*  Valhalla Boat House Theatre 2000

Brewery Arts Theatre

* *Hello Out There* Lake Tahoe Community College 1999

**Scenic Design**

* *The Little Mermaid* Greenhill School 2018
* *Time Flies* Greenhill School 2018
* *Crybaby*  Greenhill School 2018
* *Shrek*  Summer On The Hill 2017
* *Comedy of Errors* Greenhill School 2017
* *Tartuffe*  Greenhill School 2016
* *West Side Story* Summer On The Hill 2016
* *Dream Big*  Dallas Theater Center 2016
* *A Class Act*  Dallas Theater Center 2015
* *Revolution* Dallas Theater Center 2014
* *Oedipus El Rey* Dallas Theater Center 2014
* *Neverland Awaits* Dallas Theater Center 2013
* *A Midsummer Night’s Dream* Nevada Repertory Company 2011
* *Godspell* Nevada Repertory Company 2007
* *Cocks Have Claws & Wings* San Diego State University 2003

*to Fly* (assistant)

* *How to Succeed in Business* California State University Fullerton 2001

*Without Really Trying* (assistant)

* *Spring Dance Concert 2001*  California State University Fullerton 2001
* *24 Hours* (assistant) California State University Fullerton 2001
* *Nunsense*  Valhalla Boat House Theatre 2000

Brewery Arts Theatre

* *Hello Out There* Lake Tahoe Community College 1999

**Conference Presentations & Workshops**

* **STEM: Technical Theater & Design Seminar:** In May 2015 I helped co-teach a group of students from Barack Obama Male Leadership Academy as part of a STEM initiative (Science, Technology, Engraining, & Math). The full day seminar included three lectures, followed by a challenge that tested the students in the areas of rigging, lighting techniques, and sound techniques.
* **Backstage Spotlight: Theatrical Rigging Fundamentals:** In November 2013 I took part in teaching high school students the basics of rigging including: Counterweight systems, PFP, Rigging math, hardware and components, SWL, knots and splices. The purpose of this workshop was to give high school students about to enter the university system a leg up by giving them basic technical theatre training.
* **An Economical Solution for Massive Amounts of Stage Blood:** I presented this exhibit at the United States Institute of Theatre Technology’s 13th Biennial Tech Expo 2011. It chronicled my research and solution for using thirty gallons of stage blood a night for the performance of *Ubu The King*.
* **The Basics of Pneumatics: Air powered effects for beginners:** I presented this workshop at KCACTF region VII 2010 in Reno Nevada. It covered the basics of pneumatics. Intended for beginners who wanted to enter the world of automation without breaking the budget. It covered the following areas: what effects can be achieved using air powered systems, which components you will need, where you can find them and how to put them together as well as basic pneumatic math. The lecture was followed by a hands-on workshop to cover real solutions to specific problems encountered in theatre.
* **An Alternative to Glow Tape:** Presentation at the United States Institute of Theatre Technology’s 11th Biennial Tech Expo 2007. Presented alternate means of stage safety devices in practical uses. Using miniature glow sticks as a replacement for glow tape in order to increase visibility and safety. The presentation covered methods of attachment to scenery, the cost of implementing such a safety device, and its practical use in theatre.
* **Stage Winch Design Techniques:**  I participated in a panel discussion of design techniques and theory of stage winches for stage automation including realized winch designs and their unique applications. I presented on this panel at the United States Institute of Theatre Technology conference 2006.
* **Skate Wheel Scenery Carrier:** Presentation at the United States Institute of Theatre Technology’s 10th Biennial Tech Expo 2005. The presentation examined an inexpensive and practical method of construction and implantation of a scenery carrier system using simple material and roller skate wheels.
* **Reverse Peristaltic Motion Control: A Feasibility Study for Theatre Automation:** Presented at the United States Institute of Theatre Technology conference 2004. Presentation of research involving the investigation of the feasibility of using peristalsis to control the movement of scenery in novel ways.

**Publications**

* **An Economical Solution for Massive Amounts of Stage Blood:** United States Institute of Theatre Technology 13th Biennial Tech Expo 2011 catalogue.
* **An Alternative to Glow Tape:** United States Institute of Theatre Technology 11th Biennial Tech Expo 2007 catalogue.
* **Reverse Peristaltic Motion Control: A Feasibility Study for Theatre Automation:** Theatre Design & Technology, Winter 2005, Volume 41, Number 1.

Winner of the Herbert D. Greggs Merit Award 2006.

* **Skate Wheel Scenery Carrier:** United States Institute of Theatre Technology 10th Biennial Tech Expo 2005 catalogue**.**

**Professional Development**

* **ETCP Theatre Rigging Certification**.
* **OSHA-10 General Industry**. 10 Hour training seminar on OSHA workplace safety and practices including: Aerial lifts safety, PPE, electrical safety, fire protection, fall protection, & walking/working surfaces.

* **Forklift Certification**. Written and practical driving exam.
* **Structural Design for the Stage**. I organized this professional development seminar for students and professionals in the southern California area in 2007. Shawn Nolan was the guest speaker. The workshop examined the process of analyzing structural loads on beams and columns for temporary use on theatre sets.
* **Scenery Automation: the Design, Construction, and Control of Stage Machinery** Master Class in Rigging and Scenery Automation at California State University Summer Arts Program, 2006. I assisted the organizers in preparing the demonstrations for scenery automation equipment including winch and drive setup.

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**Skills**

* Certified Theater Rigger, Welding, Carpentry, Certified Forklift Operator, AutoCAD, Vectorworks, Light Board & Intelligent Light Programming (ETC Ion), Sound Board Operation (Midas), Q-Lab, Automation, Pneumatics, Structural & Mechanical Design, Winch Design, CNC Programming and Operation, Laser cutting and engraving, PLC Programming, Microsoft Office Suite, Adobe Photoshop.

**Academic Services/Affiliation**

* **Member of Performing** University of Nevada Reno 2007-2011

**Arts Series committee**

* **Honorary Member of Alpha Psi** 2006 - Present
* **Member of USITT**  2004-Present

**Master’s Coursework: San Diego State University 2003-2006**

Structural Design for the Stage Technical Direction

Theatre and Entertainment Rigging CNC Programming

Theatre Automation Metalworking

Theatre Rendering Period Dress and Décor

Scene Design II Collaborative Studies in Design

Seminar in Lighting Seminar in Theories of Theatre

Model Making for the Theatre Seminar in Aesthetics

Arts Management & Event Coordination Photoshop Rendering for Theatre

**References**

Eric Tysinger

Stage Manager

Hamilton – Angelica Tour

(336) 209-1304

eric.tysinger@gmail.com

Rick Miller

Owner, Operator

Dallas Stage Scenery

(205) 535-0399

rick@dallasstage.com

Jeff Gifford

Production Manager

The Denver Center

(303) 572-4441

jgifford@dcpa.org

Rob Gander

Chair, Department of Theatre

University of Nevada Reno

(775) 857-7406

rgander@unr.edu

John Gruber

General Stage Manager

Cirque de Soleil

(402) 203-3629

Johngruber1979@gmail.com

Loren Schreiber

Technical Director

San Diego State University

(619) 370-4858

lschreib@mail.sdsu.edu