

Nate Wheatley

Lighting Designer

Current Position

Assistant Professor of Lighting Design, Theatre Department, Arizona State University Tempe, AZ 2024-Present

Education

University of Idaho at Moscow, M.F.A. in Lighting Design July 2022
Committee: Robert Caisley (Chair), Jesse Dreikosen (Major Professor), Sarah Campbell

Indiana University SE (New Albany), B.A. in Comm – Theatre Design & Technology May 2007

Teaching Experience

Lighting Designer/Lecturer Binghamton University Binghamton, NY 2022-2024

- Teach Classes such as Stage Lighting Design, Theory of Technical Production, Intro to Lighting Technology, Intermediate Lighting Technology, and Advanced Design Studio
- Oversee Lighting of University productions
 - Mentor student designers, assistants, and technicians on department productions
 - Assist the staff Lighting Technician in the planning and preparation of load in, focus, and strike of productions
 - Attend creative and production meetings

University and Committee Service

2022 – Present Production Selection

2022 – Present Design/Tech Area

2023 – Present Binghamton 2 Degrees

Special Projects

2024 ***Pedal Powered Theatre:*** Originated a transdisciplinary project to create a production in which students must use pedal/crank devices to convert their energy into electricity used to power elements in an educational original musical during which participating students learn about the STEM topics involved in converting energy from one form to another as well as energy awareness, consumption, conservation, and efficiency. University departments involved include Musical Theatre, Theatre Design and Production, Mechanical Engineering, Electrical Engineering, Education, and Health Sciences.

2023 ***Binghamton 2 Degrees – Live at Confluence Park:*** Production managed a 4 hour climate awareness public event at a local park with more than 30 participating organizations, over 800 attendees, over 25 volunteers, and coordinated with multiple vendors for load in and tear down.

Courses Taught

THEA 487 Advanced Lighting Design Studio

Students who hold designer or production head positions for particular university productions take this class and are mentored throughout their process through completion of the show. Students then partake in a post mortem in which they are evaluated.

THEA 203 Theory of Technical Production

This course is a survey of all production elements and design processes involved in producing Theatre. Students read a selected play and create design concepts with groups of students assigned to each design element.

THEA 241 Introduction to Lighting Technology

This course is an introduction to basic electrician skills. Students are trained to properly maintenance, hang, Cable, circuit, focus, and Strike lighting equipment. Students learn basic color theory, electrical math, basic programming on ETC consoles, and complete hands-on wiring projects. The goal of the course is to prepare students to be competent entry level theatrical electricians.

THEA 387 ETC Family Console Programming

This is a topics course that can change from offering to offering. This topic was on programming ETC Family Consoles. Students are trained from basic to advanced programming skills. Students complete programming assignments in ETC Augment3d and create a final project where they design and program the lighting for a selected song in Augment3d.

THEP 271/371/471 Technical Practicum Run Crew

Students are required to serve on two production crew assignments for completion of their degree requirements. They register for their assigned production area and are trained to specific needs of a particular show and serve as the run crew on that production.

THEA 341 Stage Lighting Design

Students are involved in discussion and observation of light. Students participate in exercises in which they must consider design elements, equipment, scenic and costume elements, and light in order to create desired looks and effects. Selected scripts are utilized to discuss design process and assignments include non-realized design projects.

THEA 245 Intermediate Lighting Technology

This course focuses largely on show preparation from the perspective of the head electrician and assistant lighting designer. Topics include communicating with the designer, editing existing plots, managing Lightwright paperwork, load in preparation (hang tapes, inventory, shop orders, crew calls, etc), tracking paperwork during technical rehearsals and show runs, and more.
To be offered spring '24.

Mentored Student Lighting Designs and Production Roles

Arizona State University

<u>Production</u>	<u>Student</u>	<u>Role</u>	<u>Year</u>
Eva Luna	Shane Waltz	Lighting Designer	2024

Binghamton University

<u>Production</u>	<u>Student</u>	<u>Role</u>	<u>Year</u>
Three Sisters	Nicholas Savino	Assistant Lighting Designer	2024
Bera Handa	Zayn Noel	Assistant Lighting Designer	2023
Bera Handa	Ava Zuckerman	Assistant Lighting Designer	2023
Edith Can Shoot Things...	Nicholas Savino	Lighting Designer	2022
Into the Woods	Alyssa Paulo	Lighting Designer	2022

UMKC Conservatory

<u>Production</u>	<u>Student</u>	<u>Role</u>	<u>Year</u>
Senior Dance Capstone	Various	Lighting Designer	2022
Così fan tutte	Alice Combs	Lighting Designer	2022

Outreach Service Experience

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|--|-------------------------------|------------------------|--------------------|
| Guest Artist/Speaker | Indiana University SE | New Albany, IN | Spring 2021 |
| <ul style="list-style-type: none">• Co-Teach Stage Lighting I class<ul style="list-style-type: none">○ Lead discussions about the fundamentals of lighting design & equipment○ Lead discussions involving advanced technology in lighting○ Instruct students on proper drafting practices○ Mentor student projects | | | |
| Various Workshops | PREP-KC | Kansas City, MO | 2020 |
| <ul style="list-style-type: none">• Engaged in Career Jumping Event<ul style="list-style-type: none">○ Lead Students through a fast-paced career exploration in 10-minute increments• Engaged in Career Speaking<ul style="list-style-type: none">○ Lead Students in discussions about career paths and how school is relevant to their future in 15-minute increments | | | |
| Guest Artist/Speaker | Indiana University SE | New Albany, IN | 2019 |
| <ul style="list-style-type: none">• Lead a workshop on the controllable qualities of light and functions of stage lighting in comparison to my development as a designer | | | |
| Intern Mentorship | Des Moines Metro Opera | Indianola, IA | 2014-20 |
| <ul style="list-style-type: none">• Mentor the lighting intern students daily over the course of 4 to 6 weeks to develop skills while constantly assessing their strengths and weaknesses to develop them into more skilled professionals | | | |
| Navigating the Design Workshop | Des Moines Metro Opera | Indianola, IA | 2014-20 |
| <ul style="list-style-type: none">• Developed a workshop about moving through the artistic process of collaborating and developing a production exploring areas such as:<ul style="list-style-type: none">○ The familiar team: Working with a regular team of designers and director and avoiding stale work○ The odd man out: working as the newcomer to an already established team○ Welcoming the new artist: being part of the established team and working with a new member○ Finding inspiration for new concepts• Assessed the workshop each year to tailor it to fit the needs of the current intern class | | | |
| Blue Star Award Adjudicator | Starlight Theatre | Kansas City, MO | 2012-13 |
| <ul style="list-style-type: none">• Adjudicated high school productions for the annual blue star awards night in the greater Kansas City Metro area• Provided feedback and ratings for each production for areas including:<ul style="list-style-type: none">○ Design Elements (Scenery, Lighting, Costume, Sound, Properties)○ The Orchestra○ Performance (Best Female & Male for each Lead Role, Supporting Role, Minor Role, and Chorus Member)○ House Management○ Stage management○ Stage Crew | | | |
| Basic Color Theory Workshop | Rhode Island Thespians | Newport, RI | 2011 |
| <ul style="list-style-type: none">• Developed a workshop about additive and subtractive color theory for high school thespians<ul style="list-style-type: none">○ Used conventional lights to demonstrate how filters and templates work○ Demonstrated the controllable qualities of light for enhanced discussion | | | |
| Panel Judge – Theatre Design | Rhode Island Thespians | Newport, RI | 2011 |
| <ul style="list-style-type: none">• Served as a judge to adjudicate individual high school event design submissions<ul style="list-style-type: none">○ Spoke to each aspiring designer challenging them to defend their choices and articulate why○ Rated each designer and product for competition | | | |

Outreach Service Experience Cont'd

Classroom Ideas Workshop

Trinity Repertory Company

Providence, RI

2010

- Developed a workshop for high school educators aimed at providing classroom exercises that are effective and cost efficient to make for a more robust lighting curriculum
 - Using primary color filters to light Skittles and M&Ms as a method to discuss the effect light has on scenery and costumes
 - Using one floorplate, one boom, and one overhead light to discuss the controllable qualities of light
 - Cutting pie pans as an effective way to demonstrate the use of templates to create texture and other uses

Professional Development

ETC Basic Pixel Mapping Training	ETC Study Hall	Online	2020
Basic Training on the ETC EOS Console	Barbizon New England	Woburn, MA	2010
Rendering Methods Workshop	USITT	Louisville, KY	2006

Other Skills

Vectorworks 2023	Microsoft Office	ETC Family Consoles	ETC Offline Software
LightWright 6	Adobe Lightroom	Adobe After Effects	Adobe Premiere Pro
Augment3d			

Awards & Recognition

Winner Upper Midwest A&E Award – Bon Appétit	Iowa PBS	Des Moines, IA	2020
Nominee Upper Midwest A&E Award – Rusalka	Iowa PBS	Des Moines, IA	2019
Distinguished Alumni Award – Arts & Letters	Indiana University SE	New Albany, IN	2013
Linda K Brengle Excellence in Theatre Award	Indiana University SE	New Albany, IN	2007
Honorable Mention – Scenic Design Once on this Island	NETC Design Exhibition	Boston, MA	2006

Professional Affiliations

United Scenic Artists IATSE Local 829	IATSE Local 829	Chicago, IL	2021
US Institute for Theatre Technology	USITT		2023

Lighting Design Experience

Academic Lighting Design

<i>Three Sisters</i>	<i>Binghamton University</i>	<i>Will Pomerantz</i>	<i>2024</i>
<i>Bera Handa</i>	<i>Binghamton University</i>	<i>Lakshmi Damayantibi</i>	<i>2023</i>
Envoy	Binghamton University	Brandon Wright	2023
Rent	Binghamton University	Brandon Wright	2023
A Super Happy Story	Binghamton University	M-Jay He	2023
Jazz Nutcracker	Binghamton University	JoEllen Kuhlman	2022

Professional Lighting Design

<i>Four Lost Santas/ Amabl...Visitors</i>	<i>Opera Orlando</i>	<i>Orlando, FL</i>	<i>2024</i>
<i>The Juliet Letters</i>	<i>Portland Opera</i>	<i>Portland, OR</i>	<i>2024</i>
<i>Macbeth</i>	<i>Opera Orlando</i>	<i>Orlando, FL</i>	<i>2024</i>
Lucia di Lammermoor	Opera Orlando	Orlando, FL	2024

Professional Lighting Design Cont'd

Tosca	Opera Orlando	Orlando, FL	2023
Million Dollar Quartet	Revival Theatre Company	Cedar Rapids, IA	2023
All Is Calm	Opera Orlando	Orlando, FL	2022
The Magic Flute	Opera Orlando	Orlando, FL	2022
The Drowsy Chaperone	Lees McRae Summer Theatre	Banner Elk, NC	2022
Rigoletto	Opera Orlando	Orlando, FL	2022
La Traviata	Opera Orlando	Orlando, FL	2021
Fellow Travelers	Des Moines Metro Opera	Indianola, IA	2021
Platée	Des Moines Metro Opera	Indianola, IA	2021
Hänsel und Gretel	Opera Orlando	Orlando, FL	2021
Die Fledermaus	Opera Orlando	Orlando, FL	2020
Manon	LSU Opera	Baton Rouge, LA	2020
Alcina	Pittsburgh Opera	Pittsburgh, PA	2020
All is Calm	Opera Orlando	Orlando, FL	2020
Don Giovanni	Florida Grand Opera	Miami, FL	2020
Sunday in the Park...	Louisiana State University	Baton Rouge, LA	2019
Chicago	Florida State University	Tallahassee, FL	2019
Bon Appetit*	Des Moines Metro Opera	Indianola, IA	2019
Candide	Des Moines Metro Opera	Indianola, IA	2019
85 th Anniversary Gala	Florentine Opera Company	Milwaukee, WI	2019
Frida	Florida Grand Opera	Miami, FL	2019
Elizabeth Cree	LSU Opera	Baton Rouge, LA	2019
Carmen	North Carolina Opera	Raleigh, NC	2019
Pinkalicious	Florida State University	Tallahassee, FL	2018
Eugene Onegin	LSU Opera	Baton Rouge, LA	2018
Sweeney Todd	Arizona Broadway Theatre	Phoenix, AZ	2018
Carmen	Mill City Summer Opera	Minneapolis, MN	2018
The Tenderland	Des Moines Metro Opera	Newton, IA	2018
Rusalka**	Des Moines Metro Opera	Indianola, IA	2018
The Cunning Little Vixen	LSU Opera	Baton Rouge, LA	2018
Dog Days	LSU Opera	Baton Rouge, LA	2018
As One	Des Moines Metro Opera	Des Moines, IA	2017
A Day...Death of Joe Egg	Florida State University	Tallahassee, FL	2017
Alcina	Emerald City Opera	Steamboat Springs, CO	2017
The Enchanted Pig	Emerald City Opera	Steamboat Springs, CO	2017
Maria de Buenos Aires	Des Moines Metro Opera	Des Moines, IA	2017
A Little Night Music	Des Moines Metro Opera	Indianola, IA	2017
Marriage of Figaro	LSU Opera	Baton Rouge, LA	2017
The Juliet Letters	Lyric Opera of Kansas City	Kansas City, MO	2017
La finta giardiniera	Baylor Opera	Waco, TX	2017
How I Became a Pirate	Florida State University	Tallahassee, FL	2016
The African...Richard III	Black Repertory Theatre of KC	Kansas City, MO	2016
Florencia en el Amazonas	Emerald City Opera	Steamboat Springs, MO	2016
Orphée et Eurydice	Des Moines Metro Opera	Indianola, IA	2016
Die Fledermaus	Baylor Opera	Waco, TX	2016
Comedy on the Bridge	KU Opera	Lawrence, KS	2016
Strawberry Fields	KU Opera	Lawrence, KS	2016
Alcina	KU Opera	Lawrence, KS	2015
Candide	Emerald City Opera	Steamboat Springs, CO	2015
L'enfant et les sortileges	Emerald City Opera	Steamboat Springs, CO	2015
Bon Appetit!	Emerald City Opera	Steamboat Springs, CO	2015
Rappaccini's Daughter	Des Moines Metro Opera	Des Moines, IA	2015
Elixir of Love	Baylor Opera	Waco, TX	2015
L'italiana in Algeri	Lyric Opera of Kansas City	Kansas City, MO	2014
The Old Maid & the Thief	KU Opera	Lawrence, KS	2014
Trial by Jury	KU Opera	Lawrence, KS	2014

Professional Lighting Design Cont'd

Tragedy of Carmen	Des Moines Metro Opera	Des Moines, IA	2014
Tragedy of Carmen	KU Opera	Lawrence, KS	2014
Rape of Lucretia	KU Opera	Lawrence, KS	2014
Cold Sassy Tree	Sugar Creek Symphony & Song	Watseka, IL	2013
Tartuffe	KU Opera	Lawrence, KS	2013
Trouble in Tahiti	KU Opera	Lawrence, KS	2012
Arias & Barcarolles	KU Opera	Lawrence, KS	2012
Gianni Schicchi	Sugar Creek Symphony & Song	Watseka, IL	2012
Suor Angelica	Sugar Creek Symphony & Song	Watseka, IL	2012
Madame Butterfly	Sugar Creek Symphony & Song	Watseka, IL	2012
The Magic Flute	KU Opera	Lawrence, KS	2012
The Beggar's Opera	KU Opera	Lawrence, KS	2011
Curtains	Pawtucket Players	Pawtucket, RI	2011
Miss Saigon	Encore Repertory Company	Woonsocket, RI	2010
Thoroughly Modern Millie	Pawtucket Players	Pawtucket, RI	2010
Stepping Stones	Annex Dance Company	Allentown, PA	2008

*2020 Winner Upper Midwest Arts & Entertainment Program Emmy Award

**2019 Nominee Upper Midwest Arts & Entertainment Program Emmy Award

Associate Lighting Design

The Mikado	Lyric Opera of Kansas City	Kansas City, MO	2013
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Assistant Lighting Design

Pirates of Penzance	Lyric Opera of Kansas City	Kansas City, MO	2017
Dead Man Walking	Lyric Opera of Kansas City	Kansas City, MO	2017
Marriage of Figaro	Lyric Opera of Kansas City	Kansas City, MO	2016
Hänsel und Gretel	Lyric Opera of Kansas City	Kansas City, MO	2016
Carmen	Lyric Opera of Kansas City	Kansas City, MO	2016
Elixir of Love	Lyric Opera of Kansas City	Kansas City, MO	2016
Rusalka	Lyric Opera of Kansas City	Kansas City, MO	2015
Don Giovanni	Lyric Opera of Kansas City	Kansas City, MO	2015
Die Entführung...Serail	Des Moines Metro Opera	Indianola, IA	2015
La fancuilla del West	Des Moines Metro Opera	Indianola, IA	2015
Jenufa	Des Moines Metro Opera	Indianola, IA	2015
Tosca	Lyric Opera of Kansas City	Kansas City, MO	2015
Silent Night	Lyric Opera of Kansas City	Kansas City, MO	2015
La Traviata	Lyric Opera of Kansas City	Kansas City, MO	2014
La Traviata	Des Moines Metro Opera	Indianola, IA	2014
Dead Man Walking	Des Moines Metro Opera	Indianola, IA	2014
Le comte Ory	Des Moines Metro Opera	Indianola, IA	2014
Die Fledermaus	Lyric Opera of Kansas City	Kansas City, MO	2014
La Boheme	Lyric Opera of Kansas City	Kansas City, MO	2014
Magic Flute	Lyric Opera of Kansas City	Kansas City, MO	2013
I Capuleti e I Montecchi	Lyric Opera of Kansas City	Kansas City, MO	2013
Roméo et Juliette	Des Moines Metro Opera	Indianola, IA	2013
Peter Grimes	Des Moines Metro Opera	Indianola, IA	2013
Elektra	Des Moines Metro Opera	Indianola, IA	2013
The Flying Dutchman	Lyric Opera of Kansas City	Kansas City, MO	2013
Il Trovatore	Lyric Opera of Kansas City	Kansas City, MO	2012
Madama Butterfly	Lyric Opera of Kansas City	Kansas City, MO	2012
Don Giovanni	Des Moines Metro Opera	Indianola, IA	2012

Assistant Lighting Design Cont'd

La Rondine	Des Moines Metro Opera	Indianola, IA	2012
Eugene Onegin	Des Moines Metro Opera	Indianola, IA	2012
Barber of Seville	Lyric Opera of Kansas City	Kansas City, MO	2012
Nixon in China	Lyric Opera of Kansas City	Kansas City, MO	2012
Così fan tutte	Lyric Opera of Kansas City	Kansas City, MO	2011
Turandot	Lyric Opera of Kansas City	Kansas City, MO	2011

Lighting & Media Supervisor

'21-'22 Season	UMKC Conservatory	Kansas City, MO	2021- 22
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Head Electrician

Le nozze di Figaro	Des Moines Metro Opera	Indianola, IA	2010
Macbeth	Des Moines Metro Opera	Indianola, IA	2010
Susannah	Des Moines Metro Opera	Indianola, IA	2010
Pagliacci	Sugar Creek Symphony & Song	Watseka, IL	2009
The Tenderland	Sugar Creek Symphony & Song	Watseka, IL	2009
Tosca	Des Moines Metro Opera	Indianola, IA	2009
Der Freischütz	Des Moines Metro Opera	Indianola, IA	2009
Il barbiere di Siviglia	Des Moines Metro Opera	Indianola, IA	2009

Assistant Head Electrician

The Completely...Poe	Trinity Repertory Company	Providence, RI	2011
Steel Magnolias	Trinity Repertory Company	Providence, RI	2011
Yellowman	Trinity Repertory Company	Providence, RI	2011
The Crucible	Trinity Repertory Company	Providence, RI	2011
A Christmas Carol	Trinity Repertory Company	Providence, RI	2010
It's a Wonderful Life	Trinity Repertory Company	Providence, RI	2010
Camelot	Trinity Repertory Company	Providence, RI	2010
Absurd Person Singular	Trinity Repertory Company	Providence, RI	2010
The Syringa Tree	Trinity Repertory Company	Providence, RI	2010
The Odd Couple	Trinity Repertory Company	Providence, RI	2010
Dead Man's Cell Phone	Trinity Repertory Company	Providence, RI	2010
Twelfth Night	Trinity Repertory Company	Providence, RI	2010
A Christmas Carol	Trinity Repertory Company	Providence, RI	2009
Shooting Star	Trinity Repertory Company	Providence, RI	2009
Cabaret	Trinity Repertory Company	Providence, RI	2009
Shapeshifter	Trinity Repertory Company	Providence, RI	2009
The Importance...Earnest	Trinity Repertory Company	Providence, RI	2009
The Secret Rapture	Trinity Repertory Company	Providence, RI	2009
A Raisin in the Sun	Trinity Repertory Company	Providence, RI	2009
The Receptionist	Trinity Repertory Company	Providence, RI	2008
A Christmas Carol	Trinity Repertory Company	Providence, RI	2008

Electrician

The Dreams of Antigone	Trinity Repertory Company	Providence, RI	2008
L'elisir d'amore	Des Moines Metro Opera	Indianola, IA	2008
Regina	Des Moines Metro Opera	Indianola, IA	2008

Electrician cont'd

Un ballo in maschera	Des Moines Metro Opera	Indianola, IA	2008
Classics (National Tour)	Chamber Theatre Productions	Boston, MA	2007
Carmen	Des Moines Metro Opera	Indianola, IA	2007
Midsummer Night's Dream	Des Moines Metro Opera	Indianola, IA	2007
Otello	Des Moines Metro Opera	Indianola, IA	2007

Carpenter

Die Zauberflöte	Des Moines Metro Opera	Indianola, IA	2006
The Rake's Progress	Des Moines Metro Opera	Indianola, IA	2006
Rigoletto	Des Moines Metro Opera	Indianola, IA	2006

Deck Crew

A Tuna Christmas	Actors Theatre of Louisville	Louisville, KY	2006
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Other Professional work

Co-Founder & Executive Director	Opera180°, Inc.	Kansas City, MO	2018-2022
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