

# Daniel B. Chapman

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## Education

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**Carnegie Mellon University**, Pittsburgh, PA

M.F.A. Lighting Design, 2008

**University of New Mexico**, Albuquerque, NM

B.A. Theater (Design for Performance) cum laude, 2004

**Member of United Scenic Artists, (IATSE Local 829) LD**

## Professional Experience

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### **Berea College**

Associate Professor of Theater, 2020-Present

### **The University of Montana Western**

Adjunct Professor of Theater, 2016-2017

### **Western Illinois University**

Assistant Professor of Lighting Design, Head of Lighting Design, 2014-2016

**Freelance Lighting Designer**, 2002-Present

**Freelance Software Engineer**, 2012-Present

### **Summer Theatre of New Canaan**

Production Manager, 2013-2015

### **The Acting Company**

Production Manager, 2010-2012

Technical Director, 2010-2011 and 2011-2012 National Tours

Lighting Supervisor, 2008-2009 National Tour

### **Royal Caribbean**

Head Sound and Light Technician, Sovereign of the Seas, 2008

### **Hogle's Production Services, Santa Fe, New Mexico**

Lighting Designer/Production Manager, 2005

### **The University of New Mexico**

Theatre X: Technical Director, 2002-2004

## Lighting Design

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<b>Ali Baba</b>	Foad Farid	Opera Southwest	2019
<b>Pippin</b>	Gary Bearly	Landmark Musicals	2019
<b>Maria de Buenos Aires</b>	Octavio Cardenas	Opera Southwest	2019
<b>A Christmas Carol</b> (Projection and Lighting Design)	Laurie Finnegan	Landmark Musicals	2018
<b>La Cage aux Folles</b>	Zane Barker	Landmark Musicals	2018

## Lighting Design, con't.

<b>Norma</b> (Projection and Lighting Design)	Keturah Stickann	Opera Southwest	2018
<b>Bless Me Ultima</b> <sup>^</sup> (Projection and Lighting Design)	Octavio Cardenas	Opera Southwest	2018
<b>Jericho</b> <sup>^</sup>	Laura Braza	The Attic Theater Company	2018
<b>Guillaume Tell</b> <sup>*</sup> (Projection and Lighting Design)	Nathaniel Merchant	Opera Southwest	2017
<b>Pagliacci</b>	Pat Diamond	Opera Southwest	2017
<b>Tancredi</b> <sup>*</sup> (Projection and Lighting Design)	David Bartholomew	Opera Southwest	2016
<b>Westside Story</b>	Melody Libonati	Summer Theatre of New Canaan	2016
<b>On the Verge</b>	Laura Braza	The Attic Theater Company	2016
<b>Beowulf</b> <sup>^</sup>	Andrew Eggert	Guerrilla Opera	2016
<b>Il Turco in Italia</b>	David Bartholomew	Opera Southwest	2016
<b>Tribes</b>	Bill Kincaid	Western Illinois University	2016
<b>Aida</b>	Brian Robertson	Opera Southwest	2015
<b>Troubled Water</b> <sup>^</sup> (Projection and Lighting Design)	Allegra Libonati	Guerrilla Opera	2015
<b>Legally Blonde</b>	Allegra Libonati	Summer Theatre of New Canaan	2015
<b>Pedr Solis</b> <sup>^</sup>	Laine Rettmer	Guerrilla Opera	2015
<b>Mobilology</b> (Projection and Lighting Design)	Candace Winters-March	Western Illinois University	2015
<b>La Boheme</b>	David Bartholomew	Opera Southwest	2015
<b>Stick Fly</b>	Carolyn Blackinton	Western Illinois University	2015
<b>The World is Round</b> <sup>^</sup> (Projection and Lighting Design)	Terry Chasteen	Western Illinois University	2014
<b>Amleto</b> <sup>^</sup>	David Bartholomew	Opera Southwest	2014
<b>Top Girls</b>	Rachel Chaves	Western Illinois University	2014
<b>Susannah</b>	Richard Gammon	Ash Lawn Opera (Virginia)	2014
<b>Hairspray</b>	Allegra Libonati	Summer Theater of New Canaan	2014
<b>Lifeboat</b>	Martin Harvey	The Filament Theater (Chicago)	2014
<b>Cymbeline</b>	Julia Locascio Claire Redfield	The Waking Theatre (Chicago)	2014
<b>Apres Moi</b>	Martin Harvey	Summer Theater of New Canaan	2014
<b>The Snow Queen</b>	Allegra Libonati	The Filament Theater (Chicago)	2014
<b>Don Giovanni</b>	David Bartholomew	Opera Southwest (Albuquerque)	2013
<b>No Exit</b>	Nathan Troup	Guerrilla Opera (Boston)	2013
<b>Madame Butterfly</b>	David Bartholomew	Opera Southwest	2013
<b>Greater Angels</b>	Ed Iskandar	Exit, Pursued by a Bear (New York)	2013

## Lighting Design, con't.

<b>Restoration Comedy*</b>	Ed Iskandar	The Flea Theater (New York)	2012
*Drama Desk Nominee: Outstanding Director, Outstanding Costume Designer			
<b>Of Mice and Men</b>	Ian Belknap	The Acting Company/ The Guthrie Theater (National Tour)	2012-2013
<b>Construction of the Human Heart</b>	Brendan Naylor	The Access Theater (New York)	2012
<b>Damascus</b>	Ian Belknap	The Acting Company	2012
<b>I Take Your Hand in Mine</b>	Kevin Kline	The Acting Company	2012
<b>Il Barbiere di Siviglia</b>	David Bartholomew	Opera Southwest	2011
<b>Cinderella</b>	Celia Dale	Ballet Theatre of New Mexico	2010
<b>The Laramie Project: Ten Years Later</b>	Jesse Ontiveros	Working Classroom	2009
<b>Come to the Cabaret: A Celebration of Kander &amp; Ebb</b>	Adam Hunter	The Acting Company/ Gerald Schoenfeld Theatre	2009
<b>Twelfth Night</b>	Allegra Libonati	Summer Theatre of New Canaan	2008
<b>The Consul</b>	Gregory Lehane	Carnegie Mellon University	2008
<b>Three Sisters</b>	Vladimir Miroden	Carnegie Mellon University	2007
<b>After Miss Julie</b>	Ed Iskandar	Carnegie Mellon University	2006
<b>A Midsummer Night's Dream</b>	Celia Dale	Ballet Theatre of New Mexico	2006
<b>The Chairs</b>	Matt Gray	Carnegie Mellon University	2005
<b>Samaritan</b>	Kathleen Amshoff	Carnegie Mellon University	2005
<b>Paul Oakenfold</b>	Radio Blue 102	Hogle's Production Services	2005
<b>Sleeping Beauty</b>	Alex Ossadnik	Ballet Theatre of New Mexico	2005
<b>Beyond the Classics</b>	Katherine Giese	Ballet Theatre of New Mexico	2005
<b>Under Milkwood</b>	Paul Ford	Theatre in the Making	2004
<b>Festival Flamenco</b>	Eva Encinans	Festival Flamenco	2004
<b>The Day They Shot John Lennon</b>	Amber Earls	The University of New Mexico	2004
<b>Beauty and the Beast</b>	Alex Ossadnik	Ballet Theatre of New Mexico	2004
<b>Southwest Folk Tales</b>	Katherine Giese	Ballet Theatre of New Mexico	2002 - 2004
<b>Hedwig and the Angry Inch</b>	C.J. Basino	The KiMo Theatre	2003
<b>The Lost Diary</b>	Matthew Lerma	University of New Mexico	2003
<b>JAM Student Dance</b>	UNM MFA	University of New Mexico	2003
<b>Perchance to Dance</b>	UNM MFA/BA	University of New Mexico	2002
<b>A Midsummer Night's Dream</b>	Sarah Yanney	University of New Mexico	2002

\*Utilized *Motion* <https://www.github.com/danielbchapman/motion> ^World Premiere

## Projection Design

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<b>Alice in Wonderland</b>	Anna Bridget	The New Mexico Ballet Company	2020
<b>Madama Butterfly</b>	Octavio Cardenas	Opera Santa Barbara	2019
<b>Lohengrin</b>	E. Loren Meeker	Opera Southwest	2019
<b>The Phantom of the Opera</b>	Natalie Harris	The New Mexico Ballet Company	2019
<b>A Christmas Carol</b>	Laurie Finnegan	Landmark Musicals	2018
<b>Norma</b>	Keturah Stickann	Opera Southwest	2018
(Projection and Lighting Design)			
<b>Aladdin*</b>	Natalie Harris	The New Mexico Ballet Company	2018
<b>Bless Me Ultima^</b>	Octavio Cardenas	Opera Southwest	2018
<b>Guillaume Tell*</b>	Nathaniel Merchant	Opera Southwest	2017
(Projection and Lighting Design)			
<b>Green Day's American Idiot</b>	Laura Nuzum	Musical Theater Southwest	2017
<b>The Wizard of Oz*</b>	Natalie Harris	The New Mexico Ballet Company	2017
<b>Tancredi*</b>	David Bartholomew	Opera Southwest	2016
(Projection and Lighting Design)			
<b>We The People*</b>	Bruce Walters	Bruce Walters/Daniel B. Chapman	2016
<b>Gravitational Waves*</b>	Bruce Walters	Western Illinois University	2016
<b>A Bright New Boise</b>	Rachel Chavez	Western Illinois University	2015
<b>She Kills Monsters*</b>	D.C. Wright	Western Illinois University	2015
<b>Troubled Water*^</b>	Allegra Libonati	Guerrilla Opera	2015
(Projection and Lighting Design)			
<b>Mobilology*</b>	Candace Winters-March	Western Illinois University	2015
(Projection and Lighting Design)			
<b>The World is Round^</b>	Terry Chasteen	Western Illinois University	2015
(Projection and Lighting Design)			
<b>Winter Dance Works</b>	Candace Winters-March	Western Illinois University	2014
(Projection and Lighting Design)			

\*Utilized *Motion* <https://www.github.com/danielbchapman/motion> ^World Premiere

## Assistant Lighting Design

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<b>Lost in the Stars</b>	Christopher Popowich	Opera Theatre Pittsburgh	2008
<b>Life x 3</b>	John Lassiter	Pittsburgh Public Theatre	2007
<b>Balanchine Fest</b>	Cindy Limauro	Pittsburgh Ballet	2007
<b>The Nutcracker</b>	John Malolepsy	Ballet Theatre of New Mexico	2002-2004
<b>Cinderella</b>	John Malolepsy	Ballet Theatre of New Mexico	2003

## Lighting Director

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<b>TXMD Conference</b>	Devon Allen	Elite Production Services	2019
<b>Johnson &amp; Johnson</b>	Devon Allen	PSAV	2019
<b>Amazon Web Services Global Summit, (Washington DC)</b>	Devon Allen	PSAV	2017
<b>Henry V</b>	Davis McCallum	The Acting Company/ The Guthrie Theater (National Tour)	2008-2009
<b>The Spy</b>	John Miller-Stephany	The Acting Company/ The Guthrie Theater (National Tour)	2008-2009

## Master Electrician (selected shows)

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<b>Global Business Travelers Association National Conference (Boston)</b>	Devon Allen	PSAV	2017
<b>LIU Spring Shows, 2013</b>	Dan Henry	Long Island University	2013
<b>Joseph and the Amazing Technicolor Dreamcoat</b>	Devon Allen	Summer Theatre of New Canaan	2012
<b>My Fair Lady</b>	Devon Allen	Summer Theatre of New Canaan	2012
<b>Carousel</b>	Devon Allen	Summer Theatre of New Canaan	2011
<b>Charlie Brown</b>	Devon Allen	Summer Theatre of New Canaan	2011
<b>Woyzeck</b>	Jake DeGroot	Carnegie Mellon University	2007
<b>The Murder of Helen Jewett</b>	Dan Henry	Carnegie Mellon University	2006
<b>Nutcracker</b>	John Malolepsy	Ballet Theatre of New Mexico	2002-2004
<b>Southwest Folk Tales</b>	Katherine Giese	Ballet Theatre of New Mexico	2002-2004

## Technical Director

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<b>McCormick Grand Opening</b>	McCormick & Company	PSAV / Devon Allen	2018
<b>As You Like It</b>	Dan Rothenberg	The Acting Company/ The Guthrie Theater	2012
<b>Julius Caesar</b>	Rob Melrose	The Acting Company/ The Guthrie Theater (National Tour)	2011-2012
<b>Comedy of Errors</b>	Ian Belknap	The Acting Company/ The Guthrie Theater (National Tour)	2010-2012
<b>Romeo and Juliet</b>	Penny Metropulos	The Acting Company/ The Guthrie Theater (National Tour)	2010-2011

## Production Manager

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**Boston Lyric Opera** Anne Bogart The Handmaid's Tale 2019

**Summer Theatre of New Canaan, 2013-2015.** Shows: *Legally Blonde*, *Cinderella*, *The Wizard of Oz*, *Hairspray*, *Merrily Mannerly*, *Charlotte's Web*, *Apres Moi*, *South Pacific*, *Grease*, *The Little Mermaid*, *The Cat in the Hat*, *Pinkalicious*.

**The Acting Company, 2010-2012.** Shows: *As You Like It*, *Of Mice and Men*, *Damascus*, *I Take Your Hand in Mine*, *Julius Ceasar*, *Comedy of Errors*, *Romeo and Juliet*

## Other Design

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**Lohengrin** E. Loren Meeker Opera Southwest 2019

(Scenic Coordinator USA 829)

**Previsualization/Rendering** David Agress The LINQ Casino, Kind Heaven 2019

**And Then There Were None** Larry Brazill The University of Montana Western 2017

(Scenery)

**Accidental Death of an** Allegra Libonati Carnegie Mellon University 2007

Anarchist (Sound)

**Chasing the Dragon (Sound)** Allegra Libonati Carnegie Mellon University 2006

**Sleeping Beauty** Alex Ossadnik Ballet Theatre of New Mexico 2005

(Scenery and Lighting)

**Ivanov (Scenery)** Eugene Douglas University of New Mexico 2004

**PLUNDA (Scenery)** Kristin Loree University of New Mexico 2003

**American Breakdown (Sound)** Eugene Douglas University of New Mexico 2003

## Software Projects

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**Motion** (A framework for kinetic projections) Daniel B. Chapman 2015

<http://cue.lighting>

<https://www.github.com/danielbchapman/motion>

License: GPLv3 (open source)

Language: Java / Processing / C++

*Motion* is a piece of software for creating kinetic (responsive) projections for live performance. It combines a rendering engine (*Processing*) with a physics engine (*Toxiclibs*) so that performers can create imagery that responds to movement in the space. This can take the form of responses to live action or simulations that run in real-time with performers. *Motion* relies on a simulation that runs in real-time rather than pre-rendered and encoded video and offers cueing and integration (open sound control) for performance.

## Software Projects, con't.

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**Groups** (Java Document Store) Daniel B. Chapman 2012-2015

<https://github.com/danielbchapman/groups>

License: GNU Affero GPL (open source)

Language: Java

*Groups* is a simple in-memory document store for Java. It uses a non-columnar structure to store data which allows for asymmetric tables of information. There are built-in utilities to join these tables in the fashion of a relational database (columnar) as well as duck-typing for pseudo type-safety. It is intended for rapid prototyping, easily adding persistence to user interfaces, and simple export to XML for import and export.

**Production Management Web Application** The Acting Company/  
Daniel B. Chapman 2012

<https://github.com/danielbchapman/production-management>

License: GPLv3 (open source)

Language: Java / JSF2

The "*Production Management Database*" is an application developed at The Acting Company to manage the national tour. It contains utilities for managing complex scheduling, multiple venues, contact information, inventory management, document sharing, and budget management. The Acting Company (Ian Belknap, Margot Harley, and Nancy Cooke) are owed the credit for releasing this project under an open source license as it was developed on their time during my tenure as Production Manager.

**Light Assistant** Daniel B. Chapman 2008-2018

License: Proprietary

Language: Java / Qt5 / C++ / JavaScript

<https://lightassistant.com>

*Light Assistant* is an alternative to *Lightwright* for lighting paperwork management. It provides higher levels of customization for paperwork, cue sheets, and tracking, simplified notes management, and an interface to import information from Vectorworks. The project is currently not ready for release, but I have been using it as my primary application for lighting paperwork since 2008. There are two branches of development: a standalone Java application (cross platform) and a native application that runs in Windows, OSX, Linux, iOS, and Android. A version of the spot cue tracking feature was used in the *Christmas Spectacular* at Radio City Music Hall in 2013.

A preview of the Light Assistant web interface is available at <http://lightassistant.com/>.

## Related Software Job Experience

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Software Engineer (lead), Brad Greer LLC 2013-2019

Software Engineer, Razorfish NYC 2013

Computer Programmer, MIMICS Inc. 2009-2010

## Skills and Technical Knowledge

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*Software (Lighting):* Vectorworks, Lightwright, ESP Vision\*, Capture, Realizer, , WYSIWYG, Martin Show Designer, QLab

\* ESP Vision 2.0 Programming Contest, 2<sup>nd</sup> Runner-up, 2006

*Consoles:* Virtuoso, Whole Hog 2/3, Maxxyz, ETC: Eos/Element, Expression, Obsession I & II, Chamsys, Strand 500 series, Fat Frog, SMG Pilot

*Software (General):* Microsoft Office Suit (Access), Eclipse (eclipse.org), Delphi 7, Delphi 2006, Visual Studio, Qt Creator, Processing, Windows, Linux, MacOS

*Software (Projections):* Photoshop, Motion (Author), Motion 2 (Author), Processing, Open Frameworks, After Effects, Premier, Final Cut Pro, QLab, vvvv (limited), Touch Designer (limited), Spout and Syphon pipelines

*Languages:* (Fluent) Java, Delphi/Pascal, SQL, JavaScript, C#, C++, Processing (Working Knowledge) C, Ruby, Clojure

*Related Technologies:* OpenFrameworks, iOS/Coca Framework, Android, React, Node.js, Swing, HTML5, CSS, JQuery, Primefaces, Richfaces, Icefaces, JPA, EJB3, MVC.NET, Meteor, OpenGL (limited), PHP, JSP/JSF, MVC.NET, SWT, AWT, JavaFX, JEE5/6, JBoss, Websphere, Tomcat, Apache

*Databases:* MySQL 3.0+, SQL Server 2003+, Advantage, H2, Derby, Oracle, Postgre, MS Access, Filemaker 8, MongoDB



## Guest Lectures

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Vectorworks Modeling from Hand Drafted and PDF Source Material	United Scenic Artists	2020
Introduction to Projection Mapping	University of New Mexico	2017
Programming Workshop	Monmouth College	2014
Introduction to Sound Design	Monmouth College	2014
Production Management	Monmouth College	2014

## Courses Taught

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THTR 101	Introduction to Theatre	University of Montana Western	2017
THTR 101	Introduction to Theatre	University of Montana Western	2017
THTR 101	Introduction to Theatre	University of Montana Western	2016
THTR 101	Introduction to Theatre	University of Montana Western	2016
THEA 550*	Graduate Lighting Design	Western Illinois University	2016
THEA 110	Introduction to Theatre	Western Illinois University	2016
THEA 550*	Graduate Lighting Design	Western Illinois University	2015
THEA 496G*	Automated Lighting	Western Illinois University	2015
THEA 346	Drafting	Western Illinois University	2015
THEA 250	Design for Performance	Western Illinois University	2015
THEA 600*	Special Topics in CAD	Western Illinois University	2015
THEA 550*	Graduate Lighting Design	Western Illinois University	2015
THEA 540*	Visual Concepts for the Stage	Western Illinois University	2015
THEA 345/446	Lighting Design I/II	Western Illinois University	2015
THEA 550*	Graduate Lighting Design	Western Illinois University	2014
THEA 250	Design for Performance	Western Illinois University	2014
THEA 110	Introduction to Theatre	Western Illinois University	2014

\*indicates graduate level course