

NORTHWESTERN UNIVERSITY

The Search for the Higgs Boson Decaying into a Z Boson and a Photon

A DISSERTATION

SUBMITTED TO THE GRADUATE SCHOOL  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

for the degree

DOCTOR OF PHILOSOPHY

Field of Physics and Astronomy

By

James Bueghly

EVANSTON, ILLINOIS

December 2019

© Copyright by James Bueghly 2019

All Rights Reserved

## ABSTRACT

The Search for the Higgs Boson Decaying into a Z Boson and a Photon

James Bueghly

This is the abstract.

## Acknowledgements

Text for acknowledgments.

## Table of Contents

ABSTRACT	3
Acknowledgements	4
Table of Contents	5
List of Tables	7
List of Figures	8
Chapter 1. Introduction	9
Chapter 2. Results and Interpretation	10
References	11

## List of Tables

## List of Figures

## CHAPTER 1

### **Introduction**

introductory text



## CHAPTER 2

# Results and Interpretation

results text

## References

- [1] A bibliographic item. A bibliographic item. A bibliographic item. A bibliographic item.
- [2] Another bibliographic item.
- [3] Yet another bibliographic item.