

EDUCATION

Vanderbilt University (Research at University of Chicago and Fermilab)
 Ph.D. Physics 2016
 M.S. Physics 2013
 Thesis : “Hunting for MHz Gravitational Waves with the Fermilab Holometer”
 Advisors : Andreas A. Berlind (Vanderbilt) & Stephan S. Meyer (University of Chicago)
Fisk University
 M.A. Physics 2011
University of Hawaii, Manoa
 B.Sc. Physics 2007

FELLOWSHIPS &
SCHOLARSHIPS

National Academy of Sciences’ Kavli Frontiers of Science Fellow 2018
 • *Identified as a future leader in science by Academy members*
 • *Invited to a 150-attendee symposium and awarded full travel support*

California Alliance Postdoctoral Fellowship 2016-present
 • *Awarded \$123,000 for full salary support for 2 years with \$3,000 research budget at Caltech*

National Academy of Sciences Ford Dissertation Fellowship 2015-2016
 • *Support of \$25,000 for dissertation writing throughout the academic year*
 • *Membership to the National Academies as a Ford Fellow*

National Academy of Sciences Ford Fellowship Honorable Mention 2014

Universities Research Association Fermilab Visiting Scholars Program 2014-2015
 • *Awarded \$20,000 to continue research at Fermilab*

Gordon Research Conference Travel Grant Recipient 2012
 • *Selected for 125-attendee “Astronomy Discoveries and Physics Education” conference*
 • *Provided \$1,500+ for full travel support*

Kavli Institute of Cosmological Physics Visiting Pre-Doctoral Student 2012-2016
 • *Awarded \$15,000+ over the course of 5 years to support research within the department*

National Science Foundation Graduate Research Fellowship Program 2011-2016
 • *Awarded \$138,000 for full salary and partial tuition support for 3 years*

American Physical Society Conference Travel Grant Recipient 2014
 • *Awarded \$2,000 for travel to present my research*

Society for the Adv. of Chicanos and Native. Am in Science Travel recipient 2010
 • *Awarded full travel support to present research at this national conference*

Women in Astronomy Conference Travel Grant Recipient 2009
 • *Full travel support to junior members to attend the conference*

Fisk-Vanderbilt Bridge Fellow 2009-2011
 • *Awarded \$150,000+ for full salary, tuition, travel and other research needs support for 2 years*

Kahuewai Ola Fellowship 2003-2007
 • *Merit based scholarship for Native Hawaiian Students in STEM for 4 years of tuition support*

HONORS
AND AWARDS

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- ‘Best Presentation’ at Fisk-Vanderbilt Bridge Research Symposium** 2014-2015
- *1st place to the best oral presentation out of over 15 graduate students in all STEM fields*
- Fisk Research Day Second Place Poster Award** 2010
- *2nd place awardee out of over 150 presenters*
- Kama’aina Award** 2006
- *Awarded to an outstanding local athlete on the University of Hawaii Water Polo team*
- National Collegiate Athletic Association Scholar Athlete Award** 2006
- *Merit based award to NCAA athletes*

PROFESSIONAL
MEMBERSHIP

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- | | |
|---|------------------------|
| American Physical Society (APS) | <i>Junior Member</i> |
| American Association for the Advancement of Society (AAAS) | <i>Junior Member</i> |
| Society for the Advancement of Hispanics/Chicanos & Native Am. in Science | <i>Lifetime Member</i> |
| American Astronomical Society (AAS) | <i>Junior Member</i> |

PROFESSIONAL
EXPERIENCE

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- California State University, Los Angeles Lecturer** Spring 2019
- Developing the course “Introduction to Scientific Computing” using python
 - Class will include 10-15 students with a wide range of computing background experience
- California Institute of Technology Postdoctoral Fellow** 2016-Present
- Advisor: Rana X. Adhikari
- Spearheaded efforts to design a seismic cloak for LIGO
 - Led development of new cryogenic coating test facility for LIGO Voyager, a proposed design for next generation ground-based gravitational wave detector
 - Deployed a facility to measure reflective and radiative coating on silicon disks
 - First measurements of silicon with Q-factors greater than 10^6
 - Guided the only search for cosmic strings in the MHz frequency range using the Holometer
- Fermi National Accelerator Laboratory Postdoctoral Fellow** July-Sept 2016
- Advisors: Aaron Chou, Chris Stoughton
- Led the optics efforts during the reconfiguration to the second generation of the Holometer experiment, an experiment to search for rotational effects from the structure of space-time.
 - Directed 5 undergraduate and high school students to reconfigure the vacuum system
 - Wrote collaboration paper about MHz gravitational wave constraints on the stochastic gravitational wave background and primordial black holes
- Vanderbilt University Ph.D. Candidate** 2011-2016
- Advisors: Andreas A. Berlind, Stephan S. Meyer
- University of Chicago, Fermilab and Vanderbilt University
 - Major contributor in the Holometer collaboration, a precision experiment designed to test the fundamental structure of space-time using optical interferometry
 - Successfully built the most sensitive experiment in the MHz frequency range from scratch

- Designed 5+ optical experiments ranging from optical fibers, signal detector R&D, optical response model of the interferometers
- Assembled the 160 meter ultra-high vacuum system for the interferometers
- Developed novel experiments to quantify correlation between interferometers
- Collected 30+% of interferometer science data.
- Developed operations run plan, trouble-shooting pages, “how-to” guides, and shift log
- Trained 5 Holometer colleagues to operate the interferometer system
- Spearheaded efforts to use the Holometer as a gravitational wave detector
- Co-led Holographic Noise science papers and instrument paper writing

Fisk University Masters Student 2009-2011

Advisors : John R. Stauffer, Keivan G. Stassun

- California Institute of Technology, Fisk University and Vanderbilt University
- Quantified empirical and theoretical disparities in the 100 Myr open cluster, the Pleiades

NASA/IPAC/NexSCI Star and Exoplanet Database Research Assistant 2009

Advisor : John R. Stauffer

- Spitzer Science Center at California Institute of Technology
- Developed software to input stellar parameters for over 200 stars into NStED

European Space Agency Research Assistant 2008

Advisors: Malcolm Fridlund, Stefania Carpano

- ESTEC in Noordwijk, Netherlands
- Tested the efficiency of extra-solar planet detection teams using the space-based telescope (CoRoT).

Cambridge University and University of Exeter REU 2007

Advisor: Suzanne Aigrain

- Institute of Astronomy, Cambridge University and University of Exeter
- Identified 10 eclipsing binary candidates in Super-WASP and 2MASS for follow-up observations

University of Hawaii Research Experience for Undergraduates REU 2006

Advisor: Paul H.I. Coleman

- Institute for Astronomy, University of Hawaii
- Investigated large scale galaxy clustering within the Hubble Deep Field.

RESEARCH
ADVISING
EXPERIENCE

“Seismic Cloaking for LIGO” Present

- Kaila Nathaniel, Virginia Tech, Physics and Math Undergraduate
- Theoretical and experimental project to use trees as a potential seismic cloak for LIGO
- Poster presentation delivered at 2018 National SACNAS conference

“Hunting for Signatures of Seismic Cloaks” Present

- Ayooluwa Odemuyiwa, Caltech, Physics Undergraduate
- Experimental project to deploy the first prototype fieldwork to search for cloaking from trees

“Cryogenic Tests of Optical Coatings on Silicon” 2016-Present

- Aaron Markowitz, Caltech, Physics Ph.D. Student
- Experimental project to build a high precision cryogenic coating facility for LIGO Voyager
- Research paper to be submitted in Fall 2018 to ‘*Review of Scientific Instruments*’

“Cosmic String Search in the Holometer”	Present
<ul style="list-style-type: none"> • Jeronimo Martinez, University of Chicago, Physics Undergraduate • Analysis project to search for cosmic super-strings with Holometer data • Research paper to be submitted in Fall 2018 to ‘<i>Astronomical Journal</i>’ 	
“Eigenfrequency stabilized temperature control loop”	2018
<ul style="list-style-type: none"> • Mandy Cheung, Pasadena City College, Electrical Engineering Undergraduate • Experimental project to integrate an active temperature probe into the control loop 	
“Electrostatic Levitation for optical mounting”	2017
<ul style="list-style-type: none"> • Mariia Matushechkina, Moscow State University, Physics Undergraduate • Experimental project to levitate silicon disks to improve precision in coating measurements 	
“Cold Links for Remote Cooling”	2017
<ul style="list-style-type: none"> • Jordan Kemp, Tufts University, Physics Undergraduate • Experimental project to test new cryogenic for LIGO Voyager cooling • Oral presentation delivered at the 2017 National Society of Black Physicists conference 	

LEADERSHIP & SERVICE

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- **LISA Study team member**
NASA-Goddard 2017-2020
NASA selected team of 15 members to develop the U.S. participation in LISA
 - SACNAS 2017 Mentor Judge 2017
Judged 6 physics graduate student oral presentations
 - **National Advisory Board member, APS Bridge Program**
APS Headquarters 2015-2016
Reviewed national effort to increase the number of physics PhDs awarded to minorities
 - Invited Panel Speaker APS Bridge Program Conference
Florida International University 2015
Discussed with professors at universities about developing bridge programs
 - **Founder, Graduate Student Symposium**
Kavli Institute for Cosmological Physics 2015, 2016
Initiated the first graduate student research symposium for the department
 - **Vanderbilt Representative, Catalyzing Advocacy for Science and Engineering**
AAAS Headquarters 2015
Advocated for STEM needs on Capitol Hill
 - Co-advocate for KICP-Fermilab shuttle
Kavli Institute for Cosmological Physics 2014
Lead efforts to get a shuttle service between UChicago and Fermilab for scientists
 - **Founder, Bridge Underground Consortium**
Fisk & Vanderbilt University) 2009-2012
Created, organized and led initiatives to improve the graduate student experience
 - Referee, Young Scientist Journal
Vanderbilt University 2012
Refereed high school student research submitted to a science journal for high school students

University Level	
• Caltech Freshman Summer Research Institute	2018
<i>Lead presentation on research tools to over 50 undergraduates</i>	
• Caltech WAVE Council member	2018
<i>Provided career mentorship to 6 underrepresented students in STEM</i>	
• Invited Speaker, East LA visit to Caltech	2017
<i>Engaged over 20 first generation college students about LIGO science</i>	
• Invited Speaker, Fermilab Undergraduate Lecture Series	2016
<i>Presented to ~100 Fermilab summer undergraduates about cosmology</i>	
• Leader, Fisk-Vanderbilt Computational Bootcamp - iPython Notebooks	
<i>Taught incoming students how to use iPython notebooks for research</i>	
• Graduate school Peer Mentor	2010-2016
<i>Undergraduates at University of Chicago, Fisk University, University of Hawaii</i>	
<i>Provided career advise regarding graduate school, applications and a STEM career</i>	
• Computational Guru, Vanderbilt Astronomy Department	2010
<i>Taught the department how to use the terminal commands sed, grep, awk</i>	
• Founder, Fisk-Vanderbilt Peer Mentoring Program	
Fisk and Vanderbilt University	2010
<i>Initiated the first peer-to-peer mentoring program for incoming students</i>	
General Public	
• Invited Speaker, Caltech Science for March	2018
<i>Engaged 150+ members of the Pasadena community about gravitational wave detectors</i>	
• Speaker, KICP Senior Citizen Lecture Series	
Sulzer Regional Library	2016
Foster Center, Chicago	2015
79th Street Senior Center, Chicago	2015
Chicago Cultural Center	2014
<i>Engaged 100+ senior citizens in developments in cosmology over the last 90 years</i>	
• Speaker, Conversations with Astronomers	
Adler Planetarium	2012-2014
<i>Shared new research to over 200 museum attendees using the Space Visualization Lab</i>	
• Fellow, Portal to the Public	
Adventure Science Center	2011-2012
<i>Developed general public laboratory for use at the museum</i>	
• Ask an Astronomer, Bluebird On the Mountain	
Dyer Observatory	2011, 2009
<i>Explained astronomical concepts to 200+ members of the public who toured the observatory</i>	
K-12	
• Co-Leader Yerkes Winter Institute	
Yerkes Observatory	2015
<i>Taught 25 high school students to design and build wind pipes based on physics concepts</i>	

- Mentor, Random Hacks of Kindness
Adler Planetarium 2015
Provided STEM guidance to 15 middle schoolers who worked with a non-profit organization
- Mentor, Girls Do Hack
Adler Planetarium 2014
Mentored two high school girls through different STEM projects at the planetarium
- Presenter, Science Works - Cool Jobs, Hot Careers!
Museum of Science and Industry 2013
Discussed STEM career opportunities with 100s of K-12 students and parents
- Co-Leader, Expanding Your Horizons
University of Chicago 2013
Inspired 20 middle school girls to pursue STEM careers with personal stories and activities
- Invited Speaker, “Tennessee Women in Science, Technology, Engineering and Research”
Adventure Science Center 2012, 2013
Developed a hands-on activity to encourage over 30 high school girls to pursue STEM
- **Fellow, Scientist in the Classroom Fellow**
Center for Science Outreach, Vanderbilt University 2010-2011
Taught general science labs each week to 150 7th grade students
- Speaker, Career Opportunities
Roosevelt High School, Honolulu, HI 2009
Presented career opportunities in science to 40 high school junior and seniors

Multimedia Outreach Channels

- Founder, “Sunshine Scientists” online journal 2018
Featured articles ranging from technical science topics to how do science
- Guest writer, March for Science blog 2018
“Bringing Aloha into Science” – an article about infusing Hawaiian practices into academia
- Feature, APS “Physics in Your Future” Brochure 2016
Brochure designed for high school and middle school girls to pursue physics
- Feature, DOE Women @ Energy Series 2015
An article featuring my research conducted at Fermilab
- Guest writer, Women in Astronomy blog 2015
“Join the Party” – An article about engaging in the STEM environment
- Holometer Spokesperson, “Science For The Win” from WRLR 2015
Lead a tour of the Holometer to a reporter from “Science For The Win”
- Guest Writer, Spectrum (Committee on the Status of Minorities in Astronomy) 2011
“A Student’s Experiences at the 2010 Annual Meeting of SACNAS”
- Guest Writer, Spitzer Space Telescope Team Blog 2010
“Exoplanet Fireflies and their Stellar Spotlights”

LIGO Publications

“Cryogenic Silicon Coating Test Facility”

Brittany Kamai, Aaron Markowitz and Rana X. Adhikari

2018, *Research of Scientific Instruments*, Projected submission : March 2019

“Tests of General Relativity with GW170817”

LIGO and VIRGO Collaborations

2018, arXiv:1811.00364

“GW170817: Measurements of Neutron Star Radii and Equation of State”

LIGO and VIRGO Collaborations

2018, *Physical Review Letters*, Volume 121, Issue 16, id.161101

“Search for Multi-messenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during its first Observing Run, ANTARES and IceCube”

ANTARES, IceCube, LIGO and VIRGO Collaborations

2018, arXiv:1810.10693

“A Fermi Gamma-ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-Wave Candidates in Advanced LIGO’s First Observing Run”

The Fermi Gamma-ray Burst Monitor Team, LIGO and Virgo Collaborations

2018, arXiv:1810.02764

“Search for gravitational waves from a long-lived remnant of the binary neutron star merger GW170817”

LIGO and VIRGO Collaboration

2018, arXiv:1810.02581

“Constraining the p-mode–g-mode tidal instability with GW170817”

LIGO Collaboration

2018, arXiv:1808.08676

“Search for sub-solar mass ultracompact binaries in Advanced LIGO’s first observing run

LIGO Collaboration

2018, arXiv:1808.04771

“Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background”

2018, *Physical Review Letters*, Volume 120, Issue 20, id.201102

“Full band all-sky search for periodic gravitational waves in the O1 LIGO data”

LIGO Collaboration

2018, *Physical Review D*, Volume 97, Issue 10, id.102003

“GW170817: Measurements of neutron star radii and equation of state”

LIGO and VIRGO Collaborations

2018, arXiv:1805.11581

“Properties of the binary neutron star merger GW170817”

LIGO and VIRGO Collaborations

2018, arXiv:1805.11579

“GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact

Binary Coalescences”

LIGO and VIRGO Collaborations

2018, Physical Review Letters, Volume 120, Issue 9, id.091101

“Full Band All-sky Search for Periodic Gravitational Waves in the O1 LIGO Data”

LIGO Collaboration

2018, arXiv:1802.05241

“First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data”

LIGO Collaboration

2017, Physical Review D, Volume 96, Issue 12, id.122006

“GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence”

LIGO Collaboration

2017, The Astrophysical Journal Letters, Volume 851, Issue 2, article id. L35, 11 pp.

“Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817” LIGO Collaboration

2017, The Astrophysical Journal Letters, Volume 851, Issue 1, article id. L16, 13 pp.

“On the Progenitor of Binary Neutron Star Merger GW170817”

LIGO Collaboration

2017, The Astrophysical Journal Letters, Volume 850, Issue 2, article id. L40, 18 pp.

“Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817”

LIGO Collaboration

2017, The Astrophysical Journal Letters, Volume 850, Issue 2, article id. L39, 13 pp.

“Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory”

ANTARES, IceCube and Pierre Auger, LIGO and VIRGO Collaborations

2017, The Astrophysical Journal Letters, Volume 850, Issue 2, article id. L35, 18 pp.

“A gravitational-wave standard siren measurement of the Hubble constant”

LIGO Collaboration

2017, Nature, Volume 551, Issue 7678, pp. 85-88

“GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral”

LIGO Collaboration

2017, Physical Review Letters, 119, 16, 161101

“GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence”

LIGO Collaboration

2017, Physical Review Letters, Volume 119, Issue 14, 141101

“Search for post-merger gravitational waves from the remnant of the binary neutron star merger GW170817”

LIGO Collaboration and VIRGO Collaboration

2017, arXiv:1710.09320

“On the Progenitor of Binary Neutron Star Merger GW170817”

LIGO Collaboration and VIRGO Collaboration

2017, arXiv:1710.05838

“GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary

Coalescences”

LIGO Collaboration and VIRGO Collaboration
2017, arXiv:1710.05837

“Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817”

LIGO Collaboration and VIRGO Collaboration
2017, arXiv:1710.05836

“A gravitational-wave standard siren measurement of the Hubble constant”

LIGO Collaboration
2017, arXiv:1710.05835

“First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data”

LIGO Collaboration and VIRGO Collaborations
2017, arXiv:1710.02327

“Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A”

LIGO and VIRGO Collaboration
2017, The Astrophysical Journal Letters, Volume 848, Issue 2, L13, 27 pp.

“Multi-messenger Observations of a Binary Neutron Star Merger”

LIGO, VIRGO and EM followup partners
2017, The Astrophysical Journal Letters, Volume 848, Issue 2, article id. L12, 59 pp

“GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence”

LIGO Collaboration and VIRGO Collaboration
2017, arXiv:1709.09660

Holometer Publications

“MHz Gravitational Wave Search for Cosmic Strings”

Jeronimo Martinez and Brittany Kamai

2018, *Astrophysical Journal*, *Projected submission : Feb 2019*

“Testing Fundamental Properties of Space with the Fermilab Holometer”

Brittany Kamai

2017, Journal of Physics: Conference Series, Volume 840, Conference 1

“Interferometric Constraints on Quantum Geometrical Shear Noise Correlations”

Holometer Collaboration

2017, Classical and Quantum Gravity, Volume 34, Issue 16, article id. 165005

“MHz Gravitational Wave Constraints with Decameter Michelson Interferometers”

Holometer Collaboration, ***lead author**

2017, Physical Review D, Volume 95, Issue 6, 063002

“The Holometer : An Instrument to Probe Planckian Quantum Geometry”

Holometer Collaboration

2017, Classical and Quantum Geometry, Volume 34, Issue 6, 165005

“First measurements of high frequency cross-spectra from a pair of large Michelson interferometers”

Aaron S. Chou, Richard Gustafson, Craig Hogan, **Brittany Kamai**, Ohkyung Kwon, Robert Lanza, Lee McCuller, Stephan S. Meyer, Jonathan Richardson, Chris Stoughton, Raymond Tomlin, Samuel Waldman, Rainer Weiss (Holometer Collaboration)
2016, Physical Review Letters, 117, 11

Pleiades Publications.....

“New BVic photometry of low-mass Pleiades stars : Exploring the Effects of Rotation on Broadband Colors”

Brittany Kamai, Fred J. Vrba, John R. Stauffer, Keivan G. Stassun
2014, The Astronomical Journal, 148, 30

PRESENTATIONS

“Could seismic cloaking help improve gravitational wave detectors?” Invited Speaker, Carnegie Observatories, Physics Colloquium	2018
“Catching Gravitational Waves with LIGO” Invited Speaker, University of Hawaii, Manoa Physics	2017
“Catching Waves from Black Holes” Invited Speaker, Institute of Astronomy, Hilo Seminar Series	2017
“Cool Coatings : Ring-Downs of coated silicon at 123 K” Poster, LIGO-Virgo Collaboration Meeting	2017
“Results from the Fermilab Holometer - MHz gravitational wave search” Speaker, 33rd Pacific Coast Gravity Meeting	2017
“Results from a MHz gravitational wave search using the Fermilab Holometer” Speaker, APS April Meeting	2017
“Testing Fundamental Properties of Space with the Fermilab Holometer” Poster, 11th LISA Symposium, Zurich	2016
“Employing the Holometer as a Gravitational wave detector” Speaker, Kavli Institute of Cosmological Physics Graduate Student Symposium	2016
“Hunting for MHz gravitational waves with the Fermilab Holometer” Speaker, American Physical Society April Meeting	2016
“The Fermilab Holometer as a Gravitational wave antenna” Speaker, Midwest Relativity Meeting	2015
“Hunting for new clues about space-time using the Fermilab Holometer” Selected Speaker, 2015 Conference of Ford Fellows, National Academy of Sciences	2015
“The Fermilab Holometer : An experiment to hunt for Planckian noise” Invited Speaker, California Institute of Technology	2015
“The Fermilab Holometer : An experiment to hunt for a new fundamental noise” Speaker, Fisk-Vanderbilt Bridge Research Symposium	2014
“Signal Verification with Blackbody Photons for the Fermilab Holometer” Speaker, American Physics Society April Meeting	2014

“Physics at the Fringe : A Status Report on the Fermilab Holometer” Speaker, Kavli Institute for Cosmological Physics Seminar	2013
“Fermilab Holometer : Probing the Planck Scale” Poster, American Astronomical Society Winter Meeting	2013
“Pleiades : Radical ”Teenage” Stars in an Open Cluster” Poster, Fisk University Research Day	2010
“New BVic Photometry for the Pleiades” Poster, American Astronomical Society Winter Meeting	2010
“Conditional Density Analysis of the Hubble Deep Field” Poster, American Astronomical Society Winter Meeting	2007

COLLABORATORS

Rana X. Adhikari (Caltech), Koji Arai (Caltech), Andreas A. Berlind (Vanderbilt), Mandy Cheung (PCC), Aaron Chou (FNAL), Johannes Eicholz (Caltech), Henry Glass (FNAL), Richard Gufstanson (U. Michigan), Craig Hogan (U.Chicago & FNAL), Jordan Kemp (Tufts University University), William Korth (Caltech), Ohkyung Kwon (Seoul National Univeristy), Robert Lanza (MIT), Shane Larson (Northwestern/Adler Planetarium), Aaron Markowitz (Caltech), Jeronimo Martinez (U. Chicago), Mariia Matushechkina (Moscow State University), Lee McCuller (U.Chicago), Stephan S. Meyer (U.Chicago), Kaila Nathaniel (Virgina Tech), Ayooluwa Odemuyiwa (Caltech), Jonathan Richardson (U.Chicago), Keivan Stassun (Vanderbilt), John Stauffer (Caltech), Chris Stoughton (FNAL), Ray Tomlin (FNAL), Andrew Wade (Caltech), Sam Waldman (SpaceX), Chris Wipf (Caltech), Rai Weiss (MIT)

LIGO Scientific Collaboration : <https://dcc.ligo.org/cgi-bin/DocDB/ListAuthors>

SKILLS

Hardware : Machine shop training, Electronics, Optics, Laser Operations
Software: Python, COMSOL, SolidWorks, IDL, LaTeX, SolidWorks, Powerpoint, Microsoft Office
Operating Systems: Mac OSX, Unix/Linux, Windows

MAILING ADDRESS

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REFERENCES

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|---|--|
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<i>Website:</i> http://astro.phy.vanderbilt.edu/~berlinaa/ |
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University of Chicago | <i>Voice:</i> 773-702-0097
<i>E-mail:</i> meyer@uchicago.edu
<i>Website:</i> https://kicp.uchicago.edu/people/profile/stephan_meyer.html |
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California Institute of Tech. | <i>Voice:</i> 626-395-8709
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<i>E-mail:</i> rana@caltech.edu
<i>Website:</i> http://pma.caltech.edu/content/rana-adhikari |
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<i>Website:</i> http://astro.phy.vanderbilt.edu/~stassuk/ |