

# Ninnat Dangniam

## Curriculum Vitae

1811 Lead Ave SE Apt 24  
Albuquerque, New Mexico 87106  
✉ [ninnatdn@gmail.com](mailto:ninnatdn@gmail.com)

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### Education

Jun'11 **B.S. in Physics**, *University of Oregon*, Eugene, Oregon, USA.  
with departmental honors

Jun'11 **B.S. in Mathematics**, *University of Oregon*, Eugene, Oregon, USA.  
*summa cum laude*

Ph.D. Advisor Carlton M. Caves.

### Scholarships and Awards

Sep'09-May'10 Bristol Study Abroad Program Scholarship, *University of Oregon*, Eugene, Oregon, USA.

### Research Experience

May'13-present **Research Assistant**, Center for Quantum Information and Control, *University of New Mexico*, Albuquerque, New Mexico, USA.

### Teaching Experience

Aug'11-May'13, Jan-Dec'14 **Teaching Assistant**, *University of New Mexico*, Albuquerque, New Mexico, USA.

Jan-Mar'11 **Teaching Assistant** for GEOL/PHYS 156M: Scientific Revolutions, *University of Oregon*, Eugene, Oregon, USA.  
Including designing the syllabus for the quantum mechanics module

### Refereed Publications

1. J. A. Gross, N. Dangniam, C. Ferrie and C. M. Caves, *Novelty, efficacy, and significance of weak measurements for quantum tomography*, [Physical Review A](#) **92** 062133 (2015) .
2. N. Dangniam and C. Ferrie, *Quantum Bochner's theorem for phase spaces built on projective representations*, [Journal of Physics A: Mathematical and Theoretical](#) **48** 115305 (2015).

### Contributed Talks and Poster Presentations

#### Quantum Bochner's theorem for phase spaces built on projective representations.

3 Mar'15 APS March Meeting, San Antonio, Texas, USA, (Talk).

Feb'15 SQInT Workshop, Berkeley, California, USA, (Poster).

Jul-Aug'14 Quantum Science Gordon Research Seminar and Conference, *Stonehill College*, Easton, Massachusetts, USA, (Poster).

#### Quasi-probability and contextuality in the context of classical simulations.

29 Dec'14 Seminar, *Mahidol University*, Bangkok, Thailand.