

# ÁGNES MÓCSY, PHD

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Pratt Institute  
Department of Mathematics and  
Science, Brooklyn, NY

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## PROFILE

Theoretical physicist. Professor of physics and astronomy. Science communicator. Documentary filmmaker.

Interdisciplinary scholar, educator, creative, producer, working at the intersection of physics and the arts, and social justice.

Fellow of the American Physics Society. Alexander von Humboldt Fellow. Yale Presidential Fellow.

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## PROFESSIONAL EXPERIENCE

### Pratt Institute, Brooklyn, NY — 2008-Present

Professor 2017- Present. Assistant Professor 2008-2011, Associate Professor 2011-2016

### Yale University, New Haven, CT — 2016, 2018-2019

Visiting Professor, Yale Presidential Visiting Fellow 2018-2019, Visiting Associate Professor 2016

### École Polytechnique, Institute de Physique Theoretique Saclay, Paris, FRANCE — 2015

Visiting Research Scientist

### Brookhaven National Laboratory, Upton, NY — 2005-2008

Research Associate at RIKEN Theory Group

### Goethe University, Frankfurt am Main, GERMANY — 2003-2005

Alexander von Humboldt Fellow

### The Niels Bohr Institute, Copenhagen, DENMARK — 2001-2003

Research Associate

## EDUCATION

### University of Minnesota, Minneapolis, MN, USA — 2001

PhD in theoretical physics

### University of Bergen, Bergen, NORWAY — 1996

MSc in theoretical physics

### Babes-Bolyai University, Cluj-Napoca, ROMANIA — 1994

BSc in physics

## PUBLICATIONS AND PRESENTATIONS

### Author

34 refereed journal publications and one review article (1996-2013) - accruing a total of 3K+ citations (1 with 1500+, 2 with 250+, 5 with 100+, 5 with 50+ citation); 26 published proceedings (10 refereed); 5 news articles

## **Presenter**

85 scientific talks (7 plenary) worldwide, 37 public talks, 18 diversity and inclusion talks. Appearances on various panels. Produced, performed science-art shows and exhibits.

## **SELECTED TEACHING EXPERIENCE**

Developed courses that approach science in non-traditional ways and varied mediums. Advised 12 undergraduate and 3 graduate students

### **Pratt courses**

Starstruck: Meet Our Universe; Science, the Film Muse; Conceptual Physics; Astronomy;

### **Yale courses**

Physics Meets The Arts; Being Human in STEM

## **DOCUMENTARY FILM IMDB**

### **Director, Writer, Producer**

“Smashing Matters: Behind The Science Scene” 30 min [www.smashingmatters.org](http://www.smashingmatters.org) — selected for premiering at the New Haven Documentary Film Festival 2017

### **Consultant**

Tribeca Film Institute, 2020 - Present

### **Director, Writer, Producer**

“Smashing Matters” 6 min <https://www.youtube.com/watch?v=8Ht7rCgr6bg> — 2013

### **Narrator**

“Out of Nothing” directed by Alex Lazarowich — 2018

## **SELECTED SERVICE ACTIVITIES**

**Pratt Board of Trustees, Academic Affairs Committee — 2020 - Present**

**Diversity, Equity, and Inclusion Council, Welcoming Environment Committee, Pratt — 2020 - Present**

**Chair, Chair of Pratt’s Math and Science Department Search Committee — 2017 - 2018**

**Senator, Pratt Academic Senate Steering Committee — 2017 - 2018**

**Senator, Pratt Faculty Senate — 2016 - 2018**

**Curriculum Committee, Pratt School of Liberal Arts and Sciences — 2016 - 2017**

**Diversity and Inclusion Committee, Yale Physics Department — 2018-2019**

**Founding member, STEAMPlant Art and Science Center at Pratt — 2016 - Present**

**Advisory Council of SisterSMATR bringing science and art to black and latino young girls 2016 - Present**

**Users Executive Committee for the Relativistic Heavy Ion Collider — 2014 - 2017**

**NY State Delegation to USA Congress on behalf of US Nuclear Science — 2013 - Present**

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