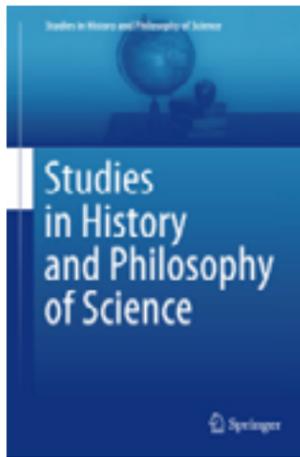


October 2020

# ND Philosophy

## Philosopher in Print

This month's 'Philosopher in Print' is HPS grad student, Sebastian Murgueitio Ramirez. His article "Separating Einstein Separability" is available in a forthcoming issue of *Studies in History and Philosophy of Science*.



### Abstract

In this paper, I accomplish a primarily conceptual task and a historical task. The conceptual task is to argue that (1) Einstein's Principle of Separability (henceforth "separability") is not a supervenience principle and that (2) separability and entanglement are compatible. I support (1) by showing that the conclusion of Einstein's incompleteness argument would still follow even if one assumes that the state of a composite system does not supervene on the states of the subsystems, and by showing that what Einstein says in "Quantum Mechanics and Reality" (1948) strongly suggests that separability is not a principle about how subsystem states relate to the state of composite systems. I support (2) by showing that if separability was incompatible with entanglement, then Einstein's argument would be incoherent in a trivial way. The historical task is to offer the first detailed review of the different ways in which separability has been defined by physicists and philosophers in the last 60 years. Among other things, such a review distinguishes three different definitions of the principle, and shows that since the 1990s and up until the present date, it became standard to take separability (as presented by Einstein) to be a supervenience principle. Thus, by arguing for (1) and (2) I directly challenge what has been, and still is, a very common reading of separability.

## Inside this Issue

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## October

- 14** **Midwest PhilMath Workshop**  
4:00-6:00 pm  
for Zoom link, email [blanchette.1@nd.edu](mailto:blanchette.1@nd.edu)
- 19** **Pedagogy Workshop**  
Managing Social Issues in the Classroom  
10:00-11:30 pm  
215 Malloy Hall
- 21** **Midwest PhilMath Workshop**  
4:00-6:00 pm  
for Zoom link, email [blanchette.1@nd.edu](mailto:blanchette.1@nd.edu)
- 28** **Midwest PhilMath Workshop**  
4:00-5:00 pm  
for Zoom link, email [blanchette.1@nd.edu](mailto:blanchette.1@nd.edu)

## Get to know our Philosophers!

### [Gabriel Day]

1. What would you sing at Karaoke night? *Born to Run*
2. What did you want to be when you were small? *I wanted to be a geneticist, so I could graft animal parts onto people and create superhumans.*
3. If you could only eat one meal for the rest of your life, what would it be? *Fresh Pie (any kind)*
4. What's the worst gift you've received? *A supplemental rulebook for a tabletop RPG I don't play*
5. Who would you want to play you in a movie? *Keanu Reeves*

## Around Campus October

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### Restoration Week!

October 12-17

[List of events](#)

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### The 27th Annual Hesburgh Lecture in Ethics and Public Policy

A conversation with Angela Davis

4:00-5:30 pm

[register to attend](#)

### "Building an Anti-Racist Vocabulary" lecture series

Nikole Hannah-Jones

7:00-8:00 pm

[Register here](#)

[events.nd.edu](https://events.nd.edu) for full list

# News and Announcements

## • No fall break... but you still need a break!

The McDonald Center for Student Well-Being and numerous campus partners have joined together to promote "[Take a Break](#)" Restoration Week October 12th - 17th. Look out for opportunities to relax, laugh, experience memories from home, have a little change of scenery, and learn how to develop a restorative routine to help you brave a very challenging semester.

Check out the [Take a Break guide](#) for more restorative ideas!

## • Traveling East?

If you happen to be traveling towards the east coast for break and wants a driving buddy, email [Eno Agolli](mailto:Eno.Agolli)!

## • Love Memes?

Interested in creating funny philosophy memes for our social media pages? Contact [Christine](#)! And be sure to checkout our Instagram Page (@NDphilosophy) because we have some fun stuff coming your way!

## • Philosophy Merch!!!

We still have lots of t-shirts and phone wallets available! Men's and women's sizing! Stop in today!

- Do you have any suggestions for our newsletter or have news that you want featured? Fill out [this form](#) to tell us!

## Meme of the Month



[GRAD CFP'S](#)

[UNDERGRAD CFP'S](#)

  
PHILOSOPHY