

February 2019

ND Philosophy

Philosopher in Print

This month's Philosopher in Print is Grad Student, Ellen Lehet. Her piece titled "Induction and Explanatory Definitions in Mathematics" is available in the January 2019 issue of *Synthese*.



Abstract:

In this paper, I argue that there are cases of explanatory induction in mathematics. To do so, I first introduce the notion of explanatory definition in the context of mathematical explanation. A large part of the paper is dedicated to introducing and analyzing this notion of explanatory definition and the role it plays in mathematics. After doing so, I discuss a particular inductive definition in advanced mathematics— CW -complexes—and argue that it is explanatory. With this, we see that there are cases of explanatory induction.

[Link to paper found here](#)

Get to know our Philosophers!

[Louise Williams]

1. What is the best least-known hangout in South Bend? *If by "hang-out" you mean eat with friends (because that and coffee shops is all the hanging I do), then Starlight Pizza has great and underappreciated pizza.*
2. What's the best Halloween costume you've ever had? *A tie between the Pink Power Ranger and Belle.*
3. What's your go-to napping strategy? *The new couches in the scholar's lounge are incredibly comfy. I recommend napping on the one facing away from the library entrance so there are fewer opportunities to be judged.*
4. What's your most-used emoji? *>< (1) because I refuse to join the contemporary norms of high tech emojis and (2) because it confuses people.*
5. Favorite kitchen appliance? *Mickey waffle maker, duh.*

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February

- 01 Job Talk: Laura Callahan (Rutgers)**
"Responsivism: Sourcing the Normativity of Epistemic Rationality"
10-12:00 pm
136 DeBartolo Hall
- 06 Grad Student Colloquium: Louise Williams**
"The Narrative Account of the Self: The Untold Story"
6:30-7:30 pm
320 Malloy Hall
- 08 Lunchtime Talk: Paul Blaschko**
"How the Beatific Vision Grounds Epistemic Normativity"
12-1:15 pm
220 Malloy Hall
- Job Talk: Daniel Rubio (Rutgers)**
"There is No Best World"
3-5 pm
138 DeBartolo Hall
Reception to follow in Malloy
- 11 Pedagogy Workshop: "Hot Button Issues" in the classroom**
4:00-5:30 pm
107 Malloy
Reception to follow in Malloy
- 12 MAP Event: Megan Zwart (St. Mary's)**
"Civil Discourse and Inclusive Pedagogy: Philosophical prospects and challenge"
6:30-7:30 pm
215 Malloy Hall
- 27 Placement Meeting: Job Negotiations and Deciding Between Jobs**
2:00-3:30 pm
119 O'Shaughnessy

philosophy.nd.edu/news/calendar for an up-to-date listing

Around Campus February

News and Announcements

- 02** **"Life Beyond the ND Bubble"**
11 am-4 pm
Dahnke Ballroom, Duncan Student Center
[Link](#)
- 11** **Sustainability Expo**
6:30-8:00 pm
Jordan Hall of Science Galleria
- 13** **Winter Career Fair**
4-8 pm
Dahnke Ballroom, Duncan Student Center
- 15** **Junior Parents Weekend**
Feb. 15-17

- **Medieval Philosophy Lunchtime Workshops**
For anyone interested in Medieval Phil, this semester there is going to be a series of lunchtime workshops for grad students and faculty. If you are interested, please [email Fr. Philip-Neri](#). Lunch will be provided.
- **Ethics Reading Group**
The Ethics Group will meet February 7th and February 28th from 2-3 pm in 107 Malloy. For a copies of the papers, email [Rachel Rupprecht](#).
- **[Study Abroad in Ethiopia!](#)**
This summer, Professor Alexander Jech is leading a 3-week study abroad program to Ethiopia! Deadline for submission is February 1st. [Apply Now!](#)
- **Philosophy T-shirts**
We re-stocked our sizes of Philosophy t-shirts. Mens and womens XS-XL. Pick them up in the office today!

events.nd.edu for full list

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

Meme of the Month



[GRAD CFP'S](#)

[UNDERGRAD CFP'S](#)

[JOBS](#)

