**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](philosophy.nd.edu/news/calendar)

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**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.*

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**Calendar**

- **February 01:** *Job Talk: Laura Callahan (Rutgers)*
  "Responsivism: Sourcing the Normativity of Epistemic Rationality" 10-12:00 pm 136 DeBartolo Hall
- **February 06:** *Grad Student Colloquium: Louise Williams*
  "The Narrative Account of the Self: The Untold Story" 6:30-7:30 pm 320 Malloy Hall
- **February 08:** *Lunchtime Talk: Paul Blaschko*
  "How the Beatific Vision Grounds Epistemic Normativity" 12-115 pm 220 Malloy Hall
- **February 11:** *Job Talk: Daniel Rubio (Rutgers)*
  "There is No Best World" 3-5 pm 138 DeBartolo Hall Reception to follow in Malloy
- **February 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
**News and Announcements**

- **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!

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

**Around Campus**

**February**

**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

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

**MEME OF THE MONTH**

**GRAD CFP’S**

**UNDERGRAD CFP’S**

**JOBS**