A network diagram background consisting of a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are highlighted in blue. The lines are thin and grey, creating a dense, interconnected structure. The overall aesthetic is clean and modern, with a focus on connectivity and relationships.


Connections: ideas, places, and people

Hello!

Vicky Laina

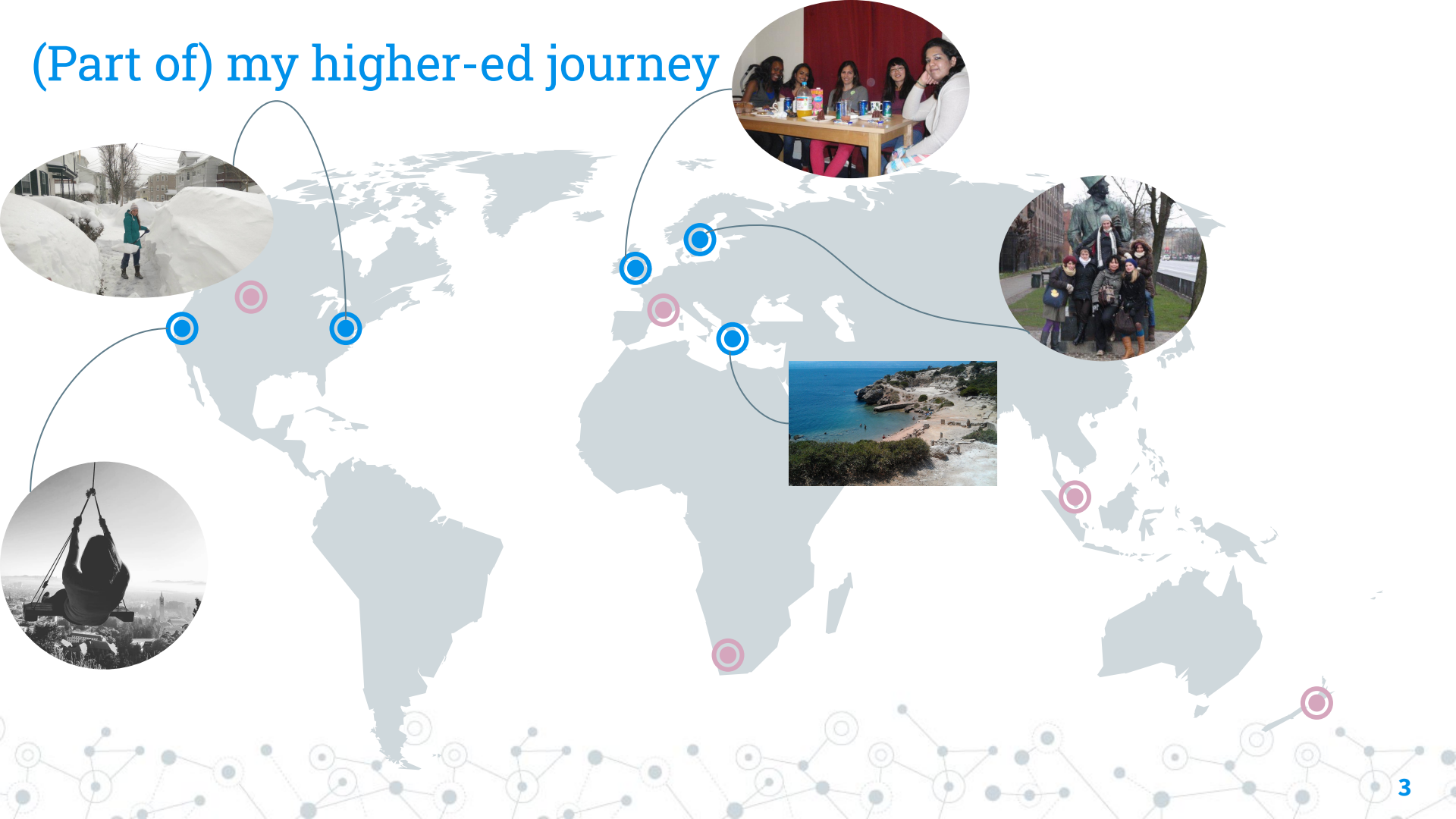
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(Part of) my higher-ed journey





So, ***now what*** ?



connections



But what am I really interested in?



learning



access



I study

How students create and explore mathematical relationships, build arguments, and engage in mathematical practices.



Puzzle-like proving activity



Preliminary findings

The physical proximity of the cards manifested a cognitive proximity of the information available in them.

This facilitated:

- ⊙ experimentation with ideas,
- ⊙ abductive reasoning, and
- ⊙ transition to deductive reasoning and a final proof.

Next steps

Data Analysis

(online summer camp)

1. How does collaboration and argumentation differ in the online environment?
2. How can everyday and mathematical argumentation support one another?

Data collection?

Interested? Get in touch!

Questions?

Vicky Laina

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Thank you!!